

Converting Colors

HunterLab(40.6474, -2.6736,
7.0034)

Have a look what the booklet for
HunterLab(40.6474, -2.6736, 7.0034)
contains.

HunterLab(40.6593, -2.7104, 7.0531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(40.6593, -2.7104,
7.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	757165
RGB	117, 113, 101
RGB Percent	46%, 44%, 40%
CMY	0.5412, 0.5569, 0.6039
CMYK	0.00, 0.03, 0.14, 0.54
HSL	45°, 7%, 43%
HSV	45°, 14%, 46%
XYZ	15.5903, 16.5318, 14.6812
YIQ	112.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

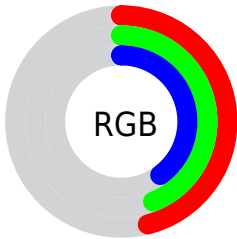
Format	Color
R_{YB}	106, 117, 101
Decimal	7696741
CIE _{Lab}	47.67, -0.72, 7.21
CIE _{LCh}	48, 7.246, 95.684
Yxy	16.5325, 0.3331, 0.3532
Android (android.graphics.Color)	4285886821 (0xFF757165)
YUV	112.8280, -5.8312, 3.6588
Hunter-Lab	40.6593, -2.7104, 7.0531

Details

The HunterLab color $40.6593, -2.7104, 7.0531$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.6218, -1.1727, -3.3610$, and the grayscale version is $40.5912, -2.1658, 2.2054$.

A 20% lighter version of the original color is $61.3289, -4.0456, 9.0015$, and $23.0481, -1.5303, 5.1974$ is the 20% darker color. If you saturate the color by 10%, you get $39.5947, -2.8555, 10.0962$, and if you desaturate by 10%, it is $41.7628, -2.4037, 3.6375$.

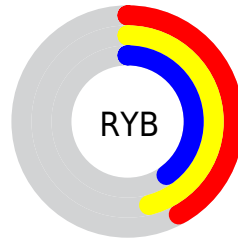
Distribution



Red (46%)

Green (44%)

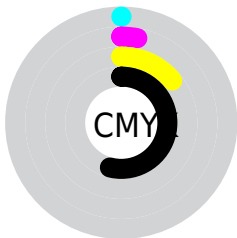
Blue (40%)



Red (42%)

Yellow (46%)

Blue (40%)

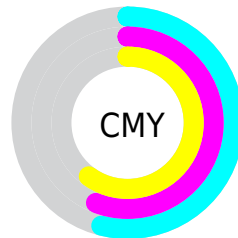


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6593, -2.7104, 7.0531 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 40.6593, -2.7104, 7.0531 by changing the saturation by 10% instead.

■ 40.6593, -2.7104,
7.0531

■ 40.6593, -2.7104,
7.0531

152.4676, -8.9834,
16.1189

■ 31.4671, -2.1761,
6.1016

■ 61.2538, -3.8908,
8.9726

■ 23.0952, -1.6801,
5.1439

■ 72.5576, -4.5307,
9.9478

■ 15.6348, -1.2267,
4.1647

■ 84.4821, -5.2018,
10.9366

■ 9.2121, -0.8315,
3.7460

■ 96.9965, -5.9028,
11.9403

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0743, -6.6325,
12.9600

0.0000, NaN, NaN

123.6921, -7.3898,

0.0000, NaN, NaN

13.9960

0.0000, NaN, NaN

137.8294, -8.1737,
15.0489

■ 40.6593, -2.7104,
7.0531

■ 40.6593, -2.7104,
7.0531

■ 39.5947, -2.8555,
10.0962

■ 41.7628, -2.4037,
3.6375

■ 38.5673, -2.8307,
12.7499

■ 42.9013, -1.9376,
-0.1358

■ 37.5790, -2.6335,
15.0019

■ 44.0747, -1.3197,
-4.2489

■ 36.6304, -2.2618,
16.8428

■ 45.2816, -0.5565,
-8.6840

■ 35.7221, -1.7157,
18.2676

■ 46.5208, 0.3452,
-13.4236

■ 34.8540, -0.9978,
19.2776

■ 47.7911, 1.3783,
-18.4504

■ 34.0258, -0.1145,
19.8831

■ 49.0914, 2.5363,
-23.7476

■ 33.2356, 0.9195,
20.1166

■ 50.4204, 3.8123,
-29.2991

■ 32.7466, 1.6015,
20.2063

■ 51.7771, 5.2000,
-35.0897

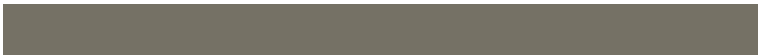
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.6602, 0.1030, 6.6712



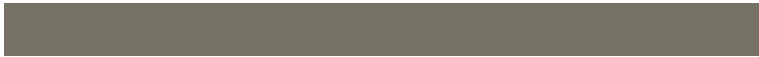
40.6593, -2.7104, 7.0531



40.6602, -5.3105, 6.2132

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.6602, -2.7115, 7.0537



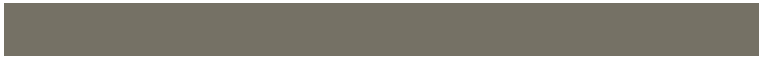
40.6602, -6.5158, -0.9373



40.6602, 2.9289, 0.0140

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.6593, -2.7104, 7.0531



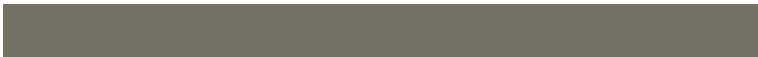
37.6218, -1.1727, -3.3610

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.6602, 1.0652, -2.2396



40.6593, -2.7104, 7.0531



40.6602, -4.3975, -2.8146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.6602, -2.7115, 7.0537



40.6602, -7.4678, 1.6950



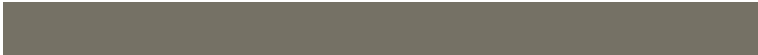
40.6602, -1.6291, -3.3068



40.6602, 3.4102, 2.7247

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.6593, -2.7104, 7.0531



40.6602, -6.5874, 5.0361



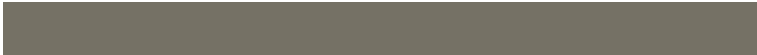
40.6602, -1.6291, -3.3068



40.6602, 2.4409, -0.8278

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.6602, -2.7115, 7.0537



55.8213, -3.2386, 5.0735



37.5626, 3.3598, 2.1092



26.7210, -1.5680, 2.5768



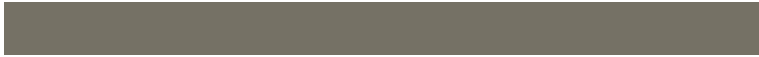
77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6602, -2.7115, 7.0537



54.0147, -3.7033, 10.6047



41.4404, -5.6678, 7.8207



20.2947, -1.2762, 2.7188



34.3362, 1.7451, 21.1883



74.8618, 5.5156, 46.2260

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.6218, -1.1727, -3.3610



49.1489, -1.2309, -6.0915



36.8718, 1.7517, -4.3115



19.3000, -0.7745, -0.6862



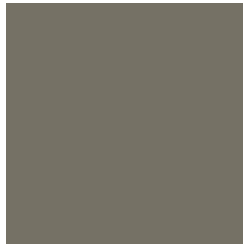
15.4056, 19.5818, -61.5271



32.2317, 48.7400, -145.5026

Previews

White Background



This preview shows how the HunterLab color 40.6593, -2.7104, 7.0531 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 40.6593, -2.7104, 7.0531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

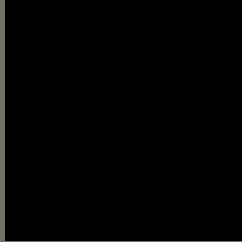
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

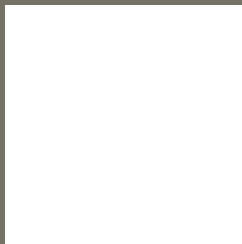
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.6593, -2.7104, 7.0531 Background



This preview shows how black text looks on a background with the HunterLab color 40.6593, -2.7104, 7.0531.

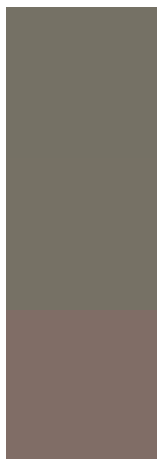


This preview shows how white text looks on a background with the HunterLab color 40.6593, -2.7104, 7.0531.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.6593, -2.7104, 7.0531

Protanopia

40.7448, -2.4120, 7.1488

Deuteranopia

40.6027, 2.6662, 6.7100



Tritanopia

40.5040, 1.8925, -0.5560

Trichromacy



Original Color

40.6593, -2.7104, 7.0531

Protanomaly

40.7448, -2.4120, 7.1488

Deuteranomaly

40.4923, 0.9329, 6.5616

Tritanomaly

40.4849, 0.0502, 2.4979

Monochromacy



Original Color

40.6593, -2.7104, 7.0531

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6101, -2.4770, 3.8574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6593, -2.7104, 7.0531 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(117, 113, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 101)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(117, 113, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6593, -2.7104, 7.0531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 113, 101) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(117, 113, 101) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(117, 113, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 113, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 113, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 113,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6593, -2.7104, 7.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 101) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(117,  
113, 101) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor