

Converting Colors

HunterLab(40.7485, -2.0102,
12.1038)

Have a look what the booklet for
HunterLab(40.7485, -2.0102,
12.1038) contains.

HunterLab(40.6959, -1.7990, 11.9085)	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(40.6959, -1.7990,
11.9085)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7057
RGB	124, 112, 87
RGB Percent	49%, 44%, 34%
CMY	0.5137, 0.5608, 0.6588
CMYK	0.00, 0.10, 0.30, 0.51
HSL	41°, 18%, 41%
HSV	41°, 30%, 49%
XYZ	15.8267, 16.5616, 11.3794
YIQ	112.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

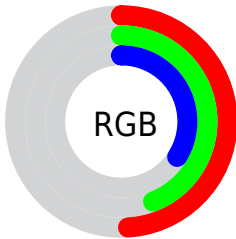
Format	Color
RYB	105, 124, 87
Decimal	8155223
CIELab	47.70, 0.49, 15.63
CIELCh	48, 15.634, 88.189
Yxy	16.5623, 0.3616, 0.3784
Android (android.graphics.Color)	4286345303 (0xFF7C7057)
YUV	112.7380, -12.6888, 9.8768
Hunter-Lab	40.6959, -1.7990, 11.9085

Details

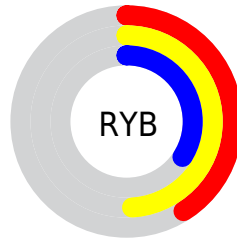
The HunterLab color $40.6959, -1.7990, 11.9085$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $35.2205, -0.6653, -10.4094$, and the grayscale version is $40.5797, -2.1652, 2.2048$.

A 20% lighter version of the original color is $61.4037, -3.0308, 14.9314$, and $22.9842, -0.9434, 8.7347$ is the 20% darker color. If you saturate the color by 10%, you get $39.3816, -1.2495, 14.3307$, and if you desaturate by 10%, it is $42.0594, -2.1702, 9.0965$.

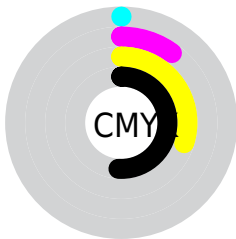
Distribution



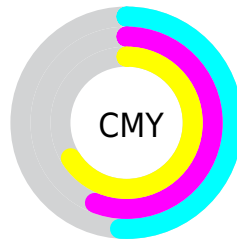
- Red (49%)
- Green (44%)
- Blue (34%)



- Red (41%)
- Yellow (49%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (51%)



- Cyan (51%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6959, -1.7990, 11.9085 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 40.6959, -1.7990, 11.9085 by changing the saturation by 10% instead.

■ 40.6959, -1.7990,
11.9085

■ 40.6959, -1.7990,
11.9085

152.5245, -7.5672,
24.7135

■ 31.5007, -1.3396,
10.3707

■ 61.2958, -2.8461,
14.8487

■ 23.1255, -0.9257,
8.7537

■ 72.6020, -3.4252,
16.2788

■ 15.6614, -0.5645,
7.0122

■ 84.5288, -4.0388,
17.6944

■ 9.2350, -0.2602,
6.4645

■ 97.0455, -4.6849,
19.1012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1254, -5.3621,
20.5036

0.0000, NaN, NaN

123.7452, -6.0690,

0.0000, NaN, NaN

21.9048

0.0000, NaN, NaN

137.8844, -6.8044,
23.3075

■ 40.6959, -1.7990,
11.9085

■ 40.6959, -1.7990,
11.9085

■ 39.3816, -1.2495,
14.3307

■ 42.0594, -2.1702,
9.0965

■ 38.1157, -0.5127,
16.3435

■ 43.4675, -2.3659,
5.9130

■ 36.9009, 0.4133,
17.9330

■ 44.9190, -2.3947,
2.3794

■ 35.7386, 1.5288,
19.0900

■ 46.4119, -2.2647,
-1.4834

■ 34.6298, 2.8302,
19.8136

■ 47.9443, -1.9843,
-5.6547

■ 33.5749, 4.3085,
20.1153

■ 49.5144, -1.5617,
-10.1144

■ 32.5641, 5.9001,
20.1587

■ 51.1203, -1.0052,
-14.8437

■ 32.5480, 5.9259,
20.1597

■ 52.7604, -0.3225,
-19.8246

■ 54.4330, 0.4786,
-25.0404

Harmonies

Analogous

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



40.6968, 4.2315, 10.6424



40.6959, -1.7990, 11.9085



40.6968, -7.5964, 10.9149

Triad

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



40.6968, -1.8003, 11.9090



40.6968, -12.0557, -3.4488



40.6968, 8.3414, -4.1533

Complementary

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



40.6959, -1.7990, 11.9085



35.2205, -0.6653, -10.4094

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.



40.6968, 3.5487, -8.9657



40.6959, -1.7990, 11.9085



40.6968, -8.2056, -8.5184

Square

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



40.6968, -1.8003, 11.9090



40.6968, -13.3034, 2.5681



40.6968, -2.5457, -10.6693



40.6968, 10.2978, 1.8591

Rectangle

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



40.6959, -1.7990, 11.9085



40.6968, -10.5964, 9.0074



40.6968, -2.5457, -10.6693



40.6968, 6.9952, -5.9964

Sweetspot

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



40.6968, -1.8003, 11.9090



57.7808, -3.1472, 7.5645



34.6539, 11.4103, 1.2134



27.9272, -1.5185, 3.9383



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.6968, -1.8003, 11.9090



52.7559, -1.9012, 18.1077



43.5241, -9.0034, 14.3784



21.0362, -1.1460, 2.7268



32.8094, 5.9890, 20.3219



70.5350, 15.2291, 43.7300

Inverse Universe

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



35.2205, -0.6653, -10.4094



43.8713, 0.0478, -18.3160



32.5695, 6.4554, -14.5312



20.2143, -0.9901, -0.5935



17.4124, 15.4002, -55.0086



36.1523, 38.6851, -128.6971

Previews

White Background



This preview shows how the HunterLab color 40.6959, -1.7990, 11.9085 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 40.6959, -1.7990, 11.9085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

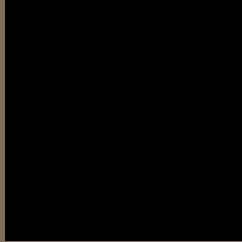
Any Text WCAG AA × Fail

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 40.6959, -1.7990, 11.9085 Background



This preview shows how black text looks on a background with the HunterLab color 40.6959, -1.7990, 11.9085.



This preview shows how white text looks on a background with the HunterLab color 40.6959, -1.7990,

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

40.6959, -1.7990, 11.9085

Protanopia

40.6981, -3.1928, 11.8861

Deuteranopia

40.7779, 2.6290, 11.7494



Tritanopia

40.6179, 4.8021, 0.9939

Trichromacy



Original Color

40.6959, -1.7990, 11.9085

Protanomaly

40.7872, -2.8809, 11.9752

Deuteranomaly

40.7459, 1.1678, 11.6935

Tritanomaly

40.4880, 2.4302, 5.4202

Monochromacy



Original Color

40.6959, -1.7990, 11.9085

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.7328, -2.3067, 5.9957

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6959, -1.7990, 11.9085 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(124, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(124, 112, 87)  
}
```

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(124, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 112, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6959, -1.7990, 11.9085 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(124, 112, 87) }
```


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

```
.border{ border-color:rgb(124, 112, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 112, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(124, 112,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6959, -1.7990, 11.9085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 112, 87) }
```

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

```
.background{ background-color: rgb(124,  
112, 87) }
```

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