

Converting Colors

HunterLab(40.4959, -2.1612,
2.1997)

Have a look what the booklet for
HunterLab(40.4959, -2.1612, 2.1997)
contains.

HunterLab(40.6365, -2.1683, 2.2079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(40.6365, -2.1683,
2.2079)**

Conversions

Conversions Part 1

Format	Color
Hex	717171
RGB	113, 113, 113
RGB Percent	44%, 44%, 44%
CMY	0.5569, 0.5569, 0.5569
CMYK	0.00, 0.00, 0.00, 0.56
HSL	120°, 0%, 44%
HSV	120°, 0%, 44%
XYZ	15.6958, 16.5133, 17.9829
YIQ	113.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	113, 113, 113
Decimal	7434609
CIE Lab	47.64, 0.00, -0.00
CIE LCh	48, 0.005, 288.738
Yxy	16.5140, 0.3127, 0.3290
Android (android.graphics.Color)	4285624689 (0xFF717171)
YUV	113.0000, 0.0000, 0.0000
Hunter-Lab	40.6365, -2.1683, 2.2079

Details

The HunterLab color $40.6365, -2.1683, 2.2079$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.6370, -2.1673, 2.2072$, and the grayscale version is $40.6373, -2.1683, 2.2079$.

A 20% lighter version of the original color is $61.3402, -3.2730, 3.3327$, and $22.9914, -1.2268, 1.2492$ is the 20% darker color. If you saturate the color by 10%, you get $39.4625, -6.9231, 5.4260$, and if you desaturate by 10%, it is $41.9282, 2.8958, -1.2197$.

Distribution



Red (44%)

Green (44%)

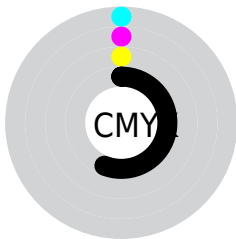
Blue (44%)



Red (44%)

Yellow (44%)

Blue (44%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6365, -2.1683, 2.2079 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 40.6365, -2.1683, 2.2079 by changing the saturation by 10% instead.

■ 40.6365, -2.1683,
2.2079

■ 40.6365, -2.1683,
2.2079

■ 152.4322, -8.1397,
8.2919

■ 31.4461, -1.6784,
1.7085

■ 61.2276, -3.2688,
3.3288

■ 23.0763, -1.2315,
1.2532

■ 72.5299, -3.8724,
3.9438

■ 15.6182, -0.8333,
0.8476

■ 84.4529, -4.5091,
4.5926

■ 9.1977, -0.4905,
0.4985

■ 96.9660, -5.1774,
5.2735

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.0425, -5.8758,
5.9851

0.0000, NaN, NaN

■ 123.6591, -6.6030,

0.0000, NaN, NaN

137.7951, -7.3579,
7.4954

■ 40.6365, -2.1683,
2.2079

■ 40.6365, -2.1683,
2.2079

■ 39.4625, -6.9231,
5.4260

■ 41.9282, 2.8958,
-1.2197

■ 38.4083, -11.3160,
8.3989

■ 43.3295, 8.2244,
-4.8262

■ 37.4784, -15.2989,
11.0939

■ 44.8356, 13.7720,
-8.5809

■ 36.6753, -18.8266,
13.4802

■ 46.4405, 19.4992,
-12.4567

■ 35.9997, -21.8612,
15.5322

■ 48.1382, 25.3711,
-16.4302

■ 35.4505, -24.3762,
17.2319

■ 49.9229, 31.3582,
-20.4813

■ 35.0240, -26.3597,
18.5712

■ 51.7890, 37.4358,
-24.5930

■ 34.7141, -27.8186,
19.5549

■ 53.7312, 43.5834,
-28.7517

■ 34.5114, -28.7810,
20.2023

■ 55.7443, 49.7847,
-32.9461

Harmonies

Analogous

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



40.6374, -2.1712, 2.2084



40.6365, -2.1683, 2.2079



40.6374, -2.1676, 2.2096

Triad

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



40.6374, -2.1693, 2.2085



40.6374, -2.1680, 2.2147



40.6374, -2.1742, 2.2127

Complementary

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



40.6365, -2.1683, 2.2079



40.6370, -2.1673, 2.2072

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.



40.6374, -2.1734, 2.2144



40.6365, -2.1683, 2.2079



40.6374, -2.1697, 2.2156

Square

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



40.6374, -2.1693, 2.2085



40.6374, -2.1669, 2.2132



40.6374, -2.1717, 2.2155



40.6374, -2.1741, 2.2108

Rectangle

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



40.6365, -2.1683, 2.2079



40.6374, -2.1669, 2.2107



40.6374, -2.1717, 2.2155



40.6374, -2.1741, 2.2133

Sweetspot

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



40.6374, -2.1693, 2.2085



54.3783, -2.9015, 2.9545



40.6375, -2.1686, 2.2088



26.1505, -1.3953, 1.4208



76.6170, -4.0881, 4.1627

Same Dimension

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



40.6374, -2.1693, 2.2085



54.3783, -2.9015, 2.9545



40.6374, -2.1691, 2.2081



19.9203, -1.0629, 1.0823



36.6038, -31.3772, 22.0058



81.6939, -70.0427, 49.1132

Inverse Universe

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



40.6370, -2.1673, 2.2072



54.3783, -2.9015, 2.9545



40.6370, -2.1675, 2.2077



19.9203, -1.0629, 1.0823



23.0610, 45.3571, -30.5582



51.4656, 101.2264, -68.2152

Previews

White Background



This preview shows how the HunterLab color 40.6365, -2.1683, 2.2079 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 40.6365, -2.1683, 2.2079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

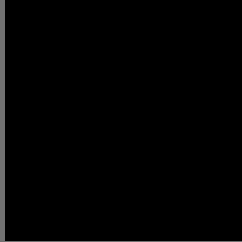
Any Text WCAG AA × Fail

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 40.6365, -2.1683, 2.2079 Background



This preview shows how black text looks on a background with the HunterLab color 40.6365, -2.1683, 2.2079.



This preview shows how white text looks on a background with the HunterLab color 40.6365, -2.1683, 2.2079.

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

40.6365, -2.1683, 2.2079

Protanopia

40.5283, -1.1378, 2.0984

Deuteranopia

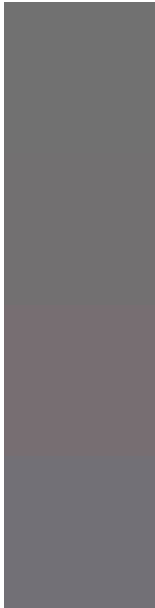
40.4514, 2.7888, 1.6413



Tritanopia

40.6771, -0.1624, -1.3042

Trichromacy



Original Color

40.6365, -2.1683, 2.2079

Protanomaly

40.4450, -1.4256, 1.9950

Deuteranomaly

40.3593, 1.1129, 1.5019

Tritanomaly

40.5879, -0.6470, -0.0384

Monochromacy



Original Color

40.6365, -2.1683, 2.2079

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6365, -2.1683, 2.2079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6365, -2.1683, 2.2079 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(113, 113, 113)` looks like.

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

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(113, 113, 113) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 40.6365, -2.1683, 2.2079 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(113, 113, 113) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to HunterLab 40.6365, -2.1683, 2.2079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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