

Converting Colors

HunterLab(48.3876, 2.2784,
-20.8406)

Have a look what the booklet for
HunterLab(48.3876, 2.2784,
-20.8406) contains.

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Color

**HunterLab(48.5061, 2.1757,
-20.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	7684B1
RGB	118, 132, 177
RGB Percent	46%, 52%, 69%
CMY	0.5372, 0.4823, 0.3059
CMYK	0.33, 0.25, 0.00, 0.31
HSL	226°, 27%, 58%
HSV	226°, 33%, 69%
XYZ	23.6583, 23.5284, 44.8895
YIQ	132.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

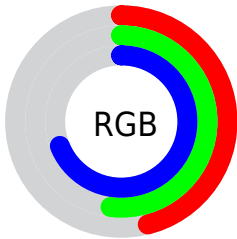
Format	Color
R_{YB}	118, 129, 177
Decimal	7767217
CIE Lab	55.61, 5.85, -25.38
CIE LCh	56, 26.047, 282.973
Yxy	23.5293, 0.2569, 0.2555
Android (android.graphics.Color)	4285957297 (0xFF7684B1)
YUV	132.9440, 21.7196, -13.1059
Hunter-Lab	48.5061, 2.1757, -20.9151

Details

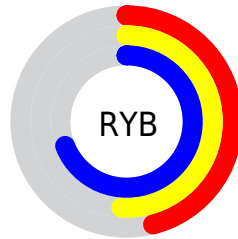
The HunterLab color $48.5061, 2.1757, -20.9151$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $60.7042, -4.7879, 20.5808$, and the grayscale version is $48.3326, -2.5789, 2.6260$.

A 20% lighter version of the original color is $70.2508, 1.7433, -21.7440$, and $29.7238, 2.3077, -19.6804$ is the 20% darker color. If you saturate the color by 10%, you get $43.5621, 4.7462, -29.6875$, and if you desaturate by 10%, it is $53.6549, 0.0645, -12.9009$.

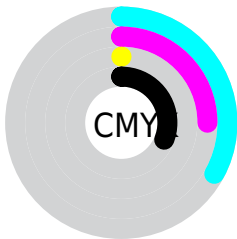
Distribution



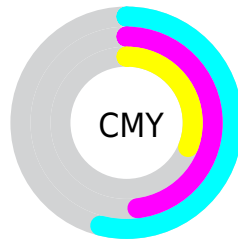
- Red (46%)
- Green (52%)
- Blue (69%)



- Red (46%)
- Yellow (51%)
- Blue (69%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (48%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5061, 2.1757, -20.9151 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 48.5061, 2.1757, -20.9151 by changing the saturation by 10% instead.

■ 48.5061, 2.1757,
-20.9151

■ 48.5061, 2.1757,
-20.9151

164.4482, -1.6983,
-22.7835

■ 38.7103, 2.3668,
-20.4272

■ 70.1862, 1.6198,
-21.7209

■ 29.6795, 2.4905,
-19.9008

■ 81.9860, 1.2668,
-22.0356

■ 21.4864, 2.5350,
-19.3743

■ 94.3817, 0.8690,
-22.2923

■ 14.2272, 2.4828,
-18.9598

107.3459, 0.4295,
-22.4931

■ 7.8832, 2.8112,
-19.6499

120.8546, -0.0491,
-22.6403

0.0000, NaN, -NF

0.0000, NaN, -NF

134.8869, -0.5645,

-22.7362

0.0000, NaN, NaN

149.4237, -1.1148,
-22.7832

0.0000, NaN, NaN

■ 48.5061, 2.1757,
-20.9151

■ 48.5061, 2.1757,
-20.9151

■ 43.5621, 4.7462,
-29.6875

■ 53.6549, 0.0645,
-12.9009

■ 38.8575, 7.8878,
-39.3858

■ 58.9772, -1.6753,
-5.5039

■ 34.4431, 11.7278,
-50.1730

■ 64.4520, -3.1150,
1.3964

■ 30.3853, 16.3927,
-62.1536

■ 70.0620, -4.3098,
7.8963

■ 26.7707, 21.9542,
-75.2425

■ 75.7936, -5.3029,
14.0726

■ 23.7044, 28.3129,
-88.9371

■ 81.6357, -6.1286,
19.9865

■ 21.9781, 32.7163,
-98.0958

■ 87.5790, -6.8137,
25.6869

■ 93.1428, -9.0419,
30.7584

■ 97.4692, -15.8956,
34.4795

Harmonies

Analogous

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



48.5070, -8.5418, -20.3884



48.5061, 2.1757, -20.9151



48.5070, 12.4428, -14.2134

Triad

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



48.5070, 2.1753, -20.9140



48.5070, 13.6129, 14.3000



48.5070, -20.9469, 8.0925

Complementary

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



48.5061, 2.1757, -20.9151



60.7042, -4.7879, 20.5808

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.



48.5070, -15.9907, 15.0178



48.5061, 2.1757, -20.9151



48.5070, 3.6616, 18.0245

Square

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



48.5070, 2.1753, -20.9140



48.5070, 19.4259, 6.8820



48.5070, -7.1797, 18.2546



48.5070, -21.2687, -2.0227

Rectangle

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



48.5061, 2.1757, -20.9151



48.5070, 17.3972, -7.2561



48.5070, -7.1797, 18.2546



48.5070, -19.7889, 10.8102

Sweetspot

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



48.5070, 2.1753, -20.9140



81.2223, -2.8907, -4.3812



61.5743, -21.5469, 4.5374



37.3472, -1.2171, -2.6378



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.5070, 2.1753, -20.9140



60.0215, 5.3726, -36.5085



45.9328, 13.0724, -25.1588



29.2348, -1.0922, -1.2842



18.9216, 27.1679, -82.2981



4.5135, 1.8533, -9.6424

Inverse Universe

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



48.9599, 19.2308, 4.0687



61.1158, 32.7100, 6.1971



63.6085, -16.0606, 22.9374



29.2185, 1.2612, 1.6482



26.2708, 45.4816, 13.1618



4.7576, 8.4262, 0.9137

Previews

White Background



This preview shows how the HunterLab color 48.5061, 2.1757, -20.9151 looks on a white background.

Color Contrast Check

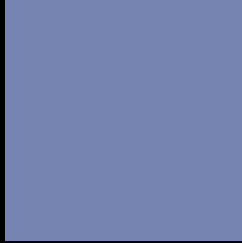
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.5061, 2.1757, -20.9151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

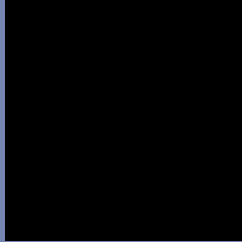
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

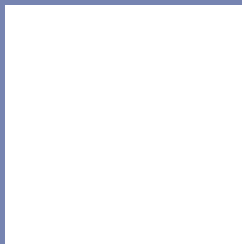
Any Text WCAG AAA × Fail

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

HunterLab 48.5061, 2.1757, -20.9151 Background



This preview shows how black text looks on a background with the HunterLab color 48.5061, 2.1757, -20.9151.



This preview shows how white text looks on a background with the HunterLab color 48.5061, 2.1757, -20.9151.

-20.9151.

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

48.5061, 2.1757, -20.9151

Protanopia

48.3735, 3.1611, -21.1188

Deuteranopia

48.5227, 3.6614, -20.8615



Tritanopia

48.4502, -7.5189, -4.5621

Trichromacy



Original Color

48.5061, 2.1757, -20.9151

Protanomaly

48.3000, 2.9138, -21.2462

Deuteranomaly

48.4478, 3.4104, -20.9906

Tritanomaly

48.3824, -4.0146, -10.4530

Monochromacy



Original Color

48.5061, 2.1757, -20.9151

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.5120, -1.3183, -4.8811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5061, 2.1757, -20.9151 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(118, 132, 177)` looks like.

```
.text, #text, p{  
    color:rgb(118, 132, 177)  
}
```

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(118, 132, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 132, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5061, 2.1757, -20.9151 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(118, 132, 177) }
```


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

```
.border{ border-color:rgb(118, 132, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 132, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 132, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 132, 177);  
box-shadow:4px 4px 4px 4px rgb(118, 132,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5061, 2.1757, -20.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 132, 177) }
```

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

```
.background{ background-color: rgb(118,  
132, 177) }
```

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](#).

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