

Converting Colors

HunterLab(48.6703, -3.5912,
-29.6257)

Have a look what the booklet for
HunterLab(48.6703, -3.5912,
-29.6257) contains.

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Color

**HunterLab(48.6161, -3.6768,
-29.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	5789BE
RGB	87, 137, 190
RGB Percent	34%, 54%, 75%
CMY	0.6588, 0.4627, 0.2549
CMYK	0.54, 0.28, 0.00, 0.25
HSL	211°, 44%, 54%
HSV	211°, 54%, 75%
XYZ	22.1704, 23.6353, 52.1087
YIQ	128.0920, -46.8130, 5.8830

Conversions

Conversions Part 2

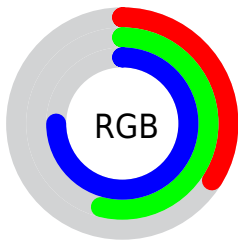
Format	Color
R _Y B	87, 121, 190
Decimal	5736894
CIE _{Lab}	55.72, -1.36, -32.78
CIE _{LCh}	56, 32.810, 267.633
Y _{xy}	23.6361, 0.2264, 0.2414
Android (android.graphics.Color)	4283926974 (0xFF5789BE)
Y _{UV}	128.0920, 30.5206, -36.0377
Hunter-Lab	48.6161, -3.6768, -29.5182

Details

The HunterLab color $48.6161, -3.6768, -29.5182$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $55.1296, 8.2168, 24.4160$, and the grayscale version is $46.3951, -2.4755, 2.5207$.

A 20% lighter version of the original color is $70.2723, -4.7857, -31.0259$, and $29.6245, -2.4015, -28.4049$ is the 20% darker color. If you saturate the color by 10%, you get $44.9264, -1.9507, -36.6415$, and if you desaturate by 10%, it is $52.5176, -4.7651, -22.7201$.

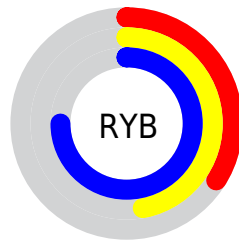
Distribution



Red (34%)

Green (54%)

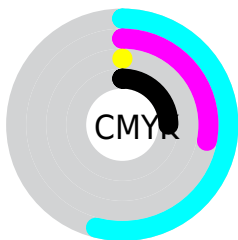
Blue (75%)



Red (34%)

Yellow (47%)

Blue (75%)

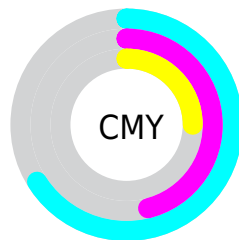


Cyan (54%)

Magenta (28%)

Yellow (0%)

Black (25%)



Cyan (66%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.6161, -3.6768, -29.5182 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 48.6161, -3.6768, -29.5182 by changing the saturation by 10% instead.

■ 48.6161, -3.6768,
-29.5182

■ 48.6161, -3.6768,
-29.5182

164.6133,
-10.4179, -33.1016

■ 38.8122, -3.0742,
-28.9091

■ 70.3105, -4.9779,
-30.6567

■ 29.7729, -2.5058,
-28.3240

■ 82.1169, -5.6739,
-31.1598

■ 21.5702, -1.9732,
-27.8582

■ 94.5189, -6.3985,
-31.6118

■ 14.3003, -1.4781,
-27.7604

■ 107.4891, -7.1507,
-32.0114

■ 7.9587, -1.1671,
-29.5555

121.0037, -7.9295,
-32.3590

0.0000, NaN, -NF

0.0000, NaN, -NF

135.0414, -8.7342,

-32.6556

0.0000, NaN, NaN

149.5836, -9.5639,
-32.9026

0.0000, NaN, NaN

■ 48.6161, -3.6768,
-29.5182

■ 48.6161, -3.6768,
-29.5182

■ 44.9264, -1.9507,
-36.6415

■ 52.5176, -4.7651,
-22.7201

■ 41.4706, 0.4905,
-44.0856

■ 56.6057, -5.2953,
-16.2384

■ 38.2750, 3.7094,
-51.8134

■ 60.8614, -5.3412,
-10.0489

■ 35.3617, 7.7277,
-59.7551

■ 65.2675, -4.9685,
-4.1234

■ 33.7820, 10.3202,
-64.5028

■ 69.8094, -4.2341,
1.5673

■ 74.4743, -3.1862,
7.0518

■ 79.2514, -1.8656,
12.3563

■ 84.1315, -0.3067,
17.5047

■ 88.7835, 0.3589,
22.1817

Harmonies

Analogous

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



48.6170, -15.8724, -23.5371



48.6161, -3.6768, -29.5182



48.6170, 10.1933, -25.0972

Triad

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



48.6170, -3.6767, -29.5172



48.6170, 22.9265, 12.8659



48.6170, -22.8497, 14.2109

Complementary

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



48.6161, -3.6768, -29.5182



55.1296, 8.2168, 24.4160

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.



48.6170, -14.1875, 19.9844



48.6161, -3.6768, -29.5182



48.6170, 12.2767, 19.3719

Square

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



48.6170, -3.6767, -29.5172



48.6170, 26.5242, 1.6031



48.6170, -1.5071, 21.5751



48.6170, -26.1525, 3.6670

Rectangle

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



48.6161, -3.6768, -29.5182



48.6170, 18.3683, -17.3786



48.6170, -1.5071, 21.5751



48.6170, -20.5186, 16.6509

Sweetspot

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



48.6170, -3.6767, -29.5172



86.6281, -6.8333, -7.1598



63.7991, -36.1948, 16.1559



40.0114, -3.2610, -4.1279



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



48.6170, -3.6767, -29.5172



59.5949, -2.0951, -51.1421



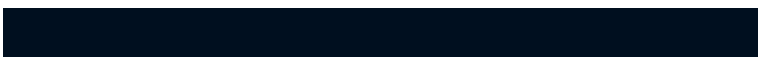
35.4421, 21.7510, -59.2749



31.5740, -2.1781, -0.6227



27.8287, 7.8498, -51.7289



6.5907, -0.4063, -7.3606

Inverse Universe

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



44.2387, 40.2386, -3.7559



54.1183, 65.6306, -4.3033



69.6152, -15.7510, 34.9404



31.0024, 1.6980, 0.8493



27.9490, 49.7679, 3.2984



5.6499, 10.2786, -1.0243

Previews

White Background



This preview shows how the HunterLab color 48.6161, -3.6768, -29.5182 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 48.6161, -3.6768, -29.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

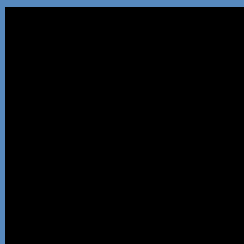
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

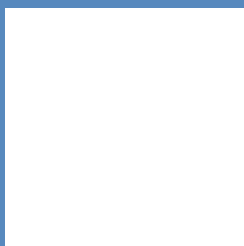
Any Text WCAG AAA × Fail

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

HunterLab 48.6161, -3.6768, -29.5182 Background



This preview shows how black text looks on a background with the HunterLab color 48.6161, -3.6768, -29.5182.

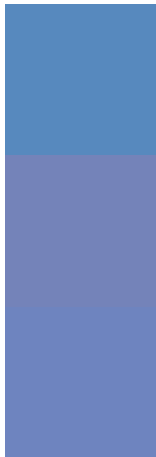


This preview shows how white text looks on a background with the HunterLab color 48.6161, -3.6768, -29.5182.

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

48.6161, -3.6768, -29.5182

Protanopia

48.4235, 4.0073, -26.2904

Deuteranopia

48.5583, 3.5615, -30.1999



Tritanopia

48.7534, -16.8023, -7.9649

Trichromacy



Original Color

48.6161, -3.6768, -29.5182

Protanomaly

48.3386, 1.0150, -27.8612

Deuteranomaly

48.6174, 0.8645, -30.1375

Tritanomaly

48.5172, -11.9954, -15.5854

Monochromacy



Original Color

48.6161, -3.6768, -29.5182

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.8804, -3.9388, -8.2098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.6161, -3.6768, -29.5182 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(87, 137, 190)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 190)  
}
```

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(87, 137, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 48.6161, -3.6768, -29.5182 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(87, 137, 190) }
```


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

```
.border{ border-color:rgb(87, 137, 190) }
```

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

Here you see how a box with a 4 pixel rgb(87, 137, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 190);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.6161, -3.6768, -29.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 190) }
```

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

```
.background{ background-color: rgb(87, 137,  
190) }
```

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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