

Converting Colors

HunterLab(49.0432, -4.0065,
-22.0445)

Have a look what the booklet for
HunterLab(49.0432, -4.0065,
-22.0445) contains.

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Color

**HunterLab(49.1748, -4.0844,
-21.8324)**

Conversions

Conversions Part 1

Format	Color
Hex	648AB4
RGB	100, 138, 180
RGB Percent	39%, 54%, 71%
CMY	0.6078, 0.4588, 0.2941
CMYK	0.44, 0.23, 0.00, 0.29
HSL	211°, 35%, 55%
HSV	211°, 44%, 71%
XYZ	22.5823, 24.1816, 46.6574
YIQ	131.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

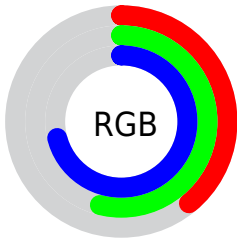
Format	Color
R_{YB}	100, 126, 180
Decimal	6589108
CIE _{Lab}	56.27, -1.83, -26.18
CIE _{LCh}	56, 26.243, 266.011
Yxy	24.1825, 0.2417, 0.2588
Android (android.graphics.Color)	4284779188 (0xFF648AB4)
YUV	131.4260, 23.9470, -27.5606
Hunter-Lab	49.1748, -4.0844, -21.8324

Details

The HunterLab color $49.1748, -4.0844, -21.8324$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $54.7450, 4.6098, 20.7558$, and the grayscale version is $47.7287, -2.5467, 2.5932$.

A 20% lighter version of the original color is $70.8433, -5.3067, -22.8547$, and $30.1539, -2.7651, -20.9473$ is the 20% darker color. If you saturate the color by 10%, you get $45.4667, -2.9724, -28.3445$, and if you desaturate by 10%, it is $53.0618, -4.6735, -15.6342$.

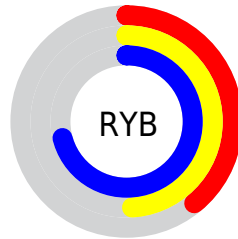
Distribution



Red (39%)

Green (54%)

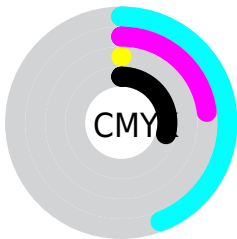
Blue (71%)



Red (39%)

Yellow (49%)

Blue (71%)

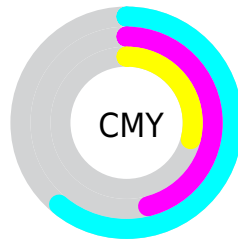


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (61%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1748, -4.0844, -21.8324 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 49.1748, -4.0844, -21.8324 by changing the saturation by 10% instead.

■ 49.1748, -4.0844,
-21.8324

■ 49.1748, -4.0844,
-21.8324

165.4515,
-11.0289, -23.8705

■ 39.3307, -3.4529,
-21.3301

■ 70.9421, -5.4387,
-22.6727

■ 30.2477, -2.8528,
-20.7927

■ 82.7820, -6.1590,
-23.0061

■ 21.9970, -2.2853,
-20.2609

■ 95.2158, -6.9067,
-23.2820

■ 14.6728, -1.7509,
-19.8504

■ 108.2164, -7.6810,
-23.5022

■ 8.3315, -1.3997,
-20.2500

121.7602, -8.4812,
-23.6689

0.0000, NaN, -NF

135.8261, -9.3063,

0.0000, NaN, -NF

-23.7844

0.0000, NaN, NaN

150.3955,
-10.1558, -23.8509

0.0000, NaN, NaN

■ 49.1748, -4.0844,
-21.8324

■ 49.1748, -4.0844,
-21.8324

■ 45.4667, -2.9724,
-28.3445

■ 53.0618, -4.6735,
-15.6342

■ 41.9565, -1.2610,
-35.1884

■ 57.1059, -4.8095,
-9.7278

■ 38.6694, 1.1246,
-42.3590

■ 61.2915, -4.5550,
-4.0826

■ 35.6307, 4.2450,
-49.8232

■ 65.6046, -3.9635,
1.3316

■ 32.8630, 8.1228,
-57.5121

■ 70.0333, -3.0805,
6.5438

■ 31.4189, 10.5017,
-61.9411

■ 74.5673, -1.9442,
11.5803

■ 79.1979, -0.5868,
16.4648

■ 83.9174, 0.9647,
21.2182

■ 87.9538, 0.0773,
25.0899

Harmonies

Analogous

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



49.1757, -13.8676, -17.0279



49.1748, -4.0844, -21.8324



49.1757, 6.9665, -18.9770

Triad

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



49.1757, -4.0846, -21.8314



49.1757, 17.7943, 10.6859



49.1757, -18.9170, 12.6215

Complementary

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



49.1748, -4.0844, -21.8324



54.7450, 4.6098, 20.7558

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.



49.1757, -11.5363, 17.5065



49.1748, -4.0844, -21.8324



49.1757, 9.7248, 16.5728

Square

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



49.1757, -4.0846, -21.8314



49.1757, 20.2254, 1.2610



49.1757, -1.1513, 18.7768



49.1757, -21.9430, 4.0516

Rectangle

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



49.1748, -4.0844, -21.8324



49.1757, 13.4823, -13.3910



49.1757, -1.1513, 18.7768



49.1757, -16.8963, 14.6692

Sweetspot

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



49.1757, -4.0846, -21.8314



83.2319, -6.0593, -4.5919



61.0619, -29.6546, 12.5115



38.1138, -2.8765, -2.8892



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



49.1757, -4.0846, -21.8314



61.4842, -4.1023, -37.6860



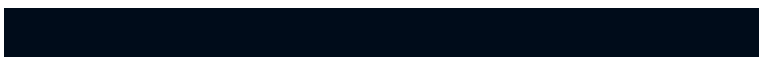
38.9827, 15.1192, -41.3889



29.7888, -2.0132, -0.6004



26.4999, 8.2601, -50.9538



5.8142, -0.5423, -6.0965

Inverse Universe

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



45.4461, 30.3191, -2.8361



56.2844, 50.3200, -4.1450



65.6561, -13.9373, 29.3246



29.2750, 1.5646, 0.8438



26.9241, 47.8789, 3.6719



4.8980, 8.9356, -1.0797

Previews

White Background



This preview shows how the HunterLab color 49.1748, -4.0844, -21.8324 looks on a white background.

Color Contrast Check

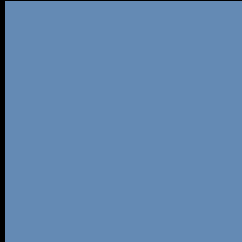
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1748, -4.0844, -21.8324 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

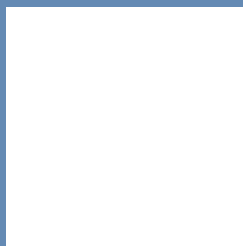
Any Text WCAG AAA × Fail

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

HunterLab 49.1748, -4.0844, -21.8324 Background



This preview shows how black text looks on a background with the HunterLab color 49.1748, -4.0844, -21.8324.



This preview shows how white text looks on a background with the HunterLab color 49.1748, -4.0844, -21.8324.

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

49.1748, -4.0844, -21.8324

Protanopia

49.1127, 2.7067, -19.2754

Deuteranopia

49.1693, 3.3073, -22.3585



Tritanopia

49.3003, -13.2488, -6.6200

Trichromacy



Original Color

49.1748, -4.0844, -21.8324

Protanomaly

49.1397, -0.0131, -19.9074

Deuteranomaly

49.1679, 0.4127, -22.4115

Tritanomaly

49.1741, -9.9721, -11.6522

Monochromacy



Original Color

49.1748, -4.0844, -21.8324

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.1801, -3.9360, -5.3709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1748, -4.0844, -21.8324 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(100, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(100, 138, 180)  
}
```

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(100, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 138, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1748, -4.0844, -21.8324 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(100, 138, 180) }
```


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

```
.border{ border-color:rgb(100, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(100, 138,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1748, -4.0844, -21.8324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 138, 180) }
```

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

```
.background{ background-color: rgb(100,  
138, 180) }
```

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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