

Converting Colors

HunterLab(48.3672, 0.6841,
-13.2380)

Have a look what the booklet for
HunterLab(48.3672, 0.6841,
-13.2380) contains.

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Color

**HunterLab(48.3672, 0.6841,
-13.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	7B84A4
RGB	123, 132, 164
RGB Percent	48%, 52%, 64%
CMY	0.5176, 0.4823, 0.3569
CMYK	0.25, 0.20, 0.00, 0.36
HSL	227°, 18%, 56%
HSV	227°, 25%, 64%
XYZ	23.1205, 23.3939, 38.4189
YIQ	132.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

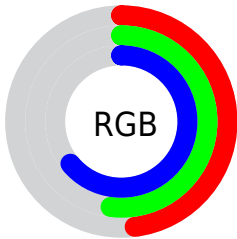
Format	Color
R _Y B	123, 130, 164
Decimal	8094884
CIE Lab	55.48, 4.04, -18.09
CIE LCh	55, 18.536, 282.574
Yxy	23.3948, 0.2722, 0.2754
Android (android.graphics.Color)	4286284964 (0xFF7B84A4)
YUV	132.9570, 15.3042, -8.7323
Hunter-Lab	48.3672, 0.6841, -13.2380

Details

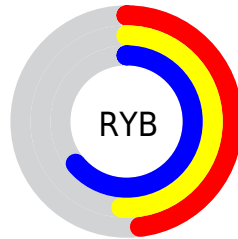
The HunterLab color $48.3672, 0.6841, -13.2380$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $57.2411, -4.7285, 15.7786$, and the grayscale version is $48.3603, -2.5804, 2.6275$.

A 20% lighter version of the original color is $70.0304, -0.1051, -13.5890$, and $29.6190, 0.9927, -12.4170$ is the 20% darker color. If you saturate the color by 10%, you get $43.6161, 2.8116, -20.8187$, and if you desaturate by 10%, it is $53.2865, -1.0949, -6.2637$.

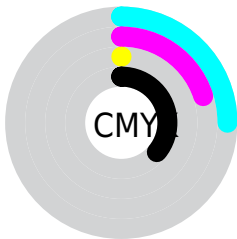
Distribution



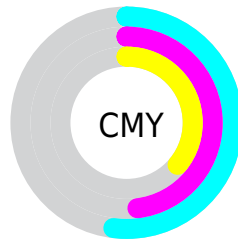
- Red (48%)
- Green (52%)
- Blue (64%)



- Red (48%)
- Yellow (51%)
- Blue (64%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3672, 0.6841, -13.2380 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 48.3672, 0.6841, -13.2380 by changing the saturation by 10% instead.

■ 48.3672, 0.6841,
-13.2380

■ 48.3672, 0.6841,
-13.2380

164.2396, -3.8976,
-13.1024

■ 38.5815, 0.9754,
-12.9546

■ 70.0291, -0.0551,
-13.5986

■ 29.5617, 1.2075,
-12.6021

■ 81.8206, -0.4926,
-13.6850

■ 21.3806, 1.3701,
-12.1859

■ 94.2083, -0.9711,
-13.7137

■ 14.1350, 1.4490,
-11.7370

107.1649, -1.4878,
-13.6881

■ 7.7865, 1.8423,
-11.9054

120.6663, -2.0406,
-13.6114

0.0000, NaN, -NF

0.0000, NaN, NaN

134.6916, -2.6275,

-13.4866

0.0000, NaN, NaN

149.2216, -3.2470,
-13.3162

0.0000, NaN, NaN

■ 48.3672, 0.6841,
-13.2380

■ 48.3672, 0.6841,
-13.2380

■ 43.6161, 2.8116,
-20.8187

■ 53.2865, -1.0949,
-6.2637

■ 39.0585, 5.3757,
-29.1534

■ 58.3496, -2.5914,
0.2210

■ 34.7326, 8.4815,
-38.4049

■ 63.5408, -3.8594,
6.3132

■ 30.6886, 12.2492,
-48.7314

■ 68.8466, -4.9402,
12.0895

■ 26.9938, 16.7901,
-60.2166

■ 74.2565, -5.8663,
17.6104

■ 23.7359, 22.1440,
-72.7189

■ 79.7616, -6.6635,
22.9242

■ 21.0193, 28.1474,
-85.6262

■ 85.3545, -7.3520,
28.0692

■ 19.8554, 31.1669,
-92.0979

■ 91.0292, -7.9482,
33.0764

■ 95.1757, -14.1508,
36.5195

Harmonies

Analogous

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



48.3682, -6.9398, -12.8321



48.3672, 0.6841, -13.2380



48.3682, 7.8507, -8.9350

Triad

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



48.3682, 0.6834, -13.2370



48.3682, 8.8146, 11.2281



48.3682, -15.9196, 6.6653

Complementary

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



48.3672, 0.6841, -13.2380



57.2411, -4.7285, 15.7786

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.



48.3682, -12.2017, 11.9020



48.3672, 0.6841, -13.2380



48.3682, 1.9329, 14.2392

Square

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



48.3682, 0.6834, -13.2370



48.3682, 12.7387, 5.6008



48.3682, -5.7658, 14.4648



48.3682, -16.2076, -0.5360

Rectangle

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



48.3672, 0.6841, -13.2380



48.3682, 11.2782, -4.3172



48.3682, -5.7658, 14.4648



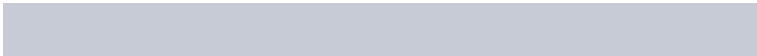
48.3682, -15.0408, 8.6836

Sweetspot

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



48.3682, 0.6834, -13.2370



77.1431, -3.0894, -1.5171



57.5412, -15.9680, 3.4803



35.8940, -1.3952, -0.9288



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



48.3682, 0.6834, -13.2370



61.5723, 2.4514, -23.4057



46.8079, 8.1040, -15.5036



26.6467, -0.9412, -1.1816



17.5594, 26.7261, -79.6416



3.5812, 1.2339, -7.1398

Inverse Universe

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



48.7084, 12.0876, 3.6520



62.2911, 21.0644, 5.3011



58.9578, -12.3468, 17.2682



26.6650, 1.0955, 1.5565



24.8100, 42.9063, 12.7887



3.6844, 6.5427, 0.5739

Previews

White Background



This preview shows how the HunterLab color 48.3672, 0.6841, -13.2380 looks on a white background.

Color Contrast Check

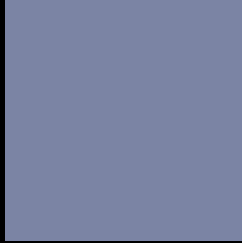
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3672, 0.6841, -13.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

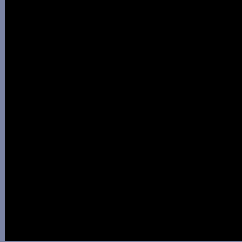
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

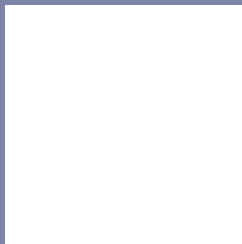
Any Text WCAG AAA × Fail

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

HunterLab 48.3672, 0.6841, -13.2380 Background



This preview shows how black text looks on a background with the HunterLab color 48.3672, 0.6841, -13.2380.



This preview shows how white text looks on a background with the HunterLab color 48.3672, 0.6841, -13.2380.

-13.2380.

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

48.3672, 0.6841, -13.2380

Protanopia

48.2420, 1.6947, -13.4091

Deuteranopia

48.2833, 3.2574, -13.3195



Tritanopia

48.2962, -5.2032, -3.7156

Trichromacy



Original Color

48.3672, 0.6841, -13.2380

Protanomaly

48.1643, 1.4311, -13.5312

Deuteranomaly

48.3993, 2.2272, -13.1625

Tritanomaly

48.3148, -3.1953, -7.2675

Monochromacy



Original Color

48.3672, 0.6841, -13.2380

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.4312, -1.9204, -2.4920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3672, 0.6841, -13.2380 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(123, 132, 164)` looks like.

```
.text, #text, p{  
    color:rgb(123, 132, 164)  
}
```

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(123, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 132, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3672, 0.6841, -13.2380 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(123, 132, 164) }
```


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

```
.border{ border-color:rgb(123, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(123, 132,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3672, 0.6841, -13.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 132, 164) }
```

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

```
.background{ background-color: rgb(123,  
132, 164) }
```

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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