

Converting Colors

HunterLab(47.9871, -4.9371,
-14.3556)

Have a look what the booklet for
HunterLab(47.9871, -4.9371,
-14.3556) contains.

HunterLab(48.0081, -4.8882, -14.4658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.0081, -4.8882,
-14.4658)**

Conversions

Conversions Part 1

Format	Color
Hex	6987A5
RGB	105, 135, 165
RGB Percent	41%, 53%, 65%
CMY	0.5882, 0.4706, 0.3529
CMYK	0.36, 0.18, 0.00, 0.35
HSL	210°, 25%, 53%
HSV	210°, 36%, 65%
XYZ	21.2812, 23.0478, 38.9243
YIQ	129.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

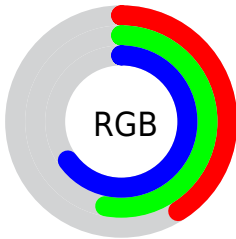
Format	Color
R_{YB}	105, 125, 165
Decimal	6916005
CIE _{Lab}	55.12, -2.94, -19.32
CIE _{LCh}	55, 19.543, 261.335
Yxy	23.0487, 0.2556, 0.2768
Android (android.graphics.Color)	4285106085 (0xFF6987A5)
YUV	129.4500, 17.5262, -21.4426
Hunter-Lab	48.0081, -4.8882, -14.4658

Details

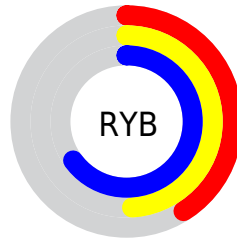
The HunterLab color $[48.0081, -4.8882, -14.4658]$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $[51.3299, 3.1307, 16.2461]$, and the grayscale version is $[46.9725, -2.5063, 2.5521]$.

A 20% lighter version of the original color is $[69.5722, -6.2904, -14.9433]$, and $[29.1093, -3.4151, -13.9433]$ is the 20% darker color. If you saturate the color by 10%, you get $[44.6440, -4.4732, -19.8448]$, and if you desaturate by 10%, it is $[51.5158, -4.8877, -9.3115]$.

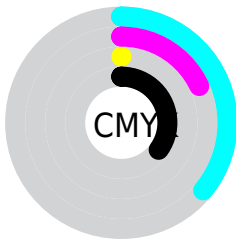
Distribution



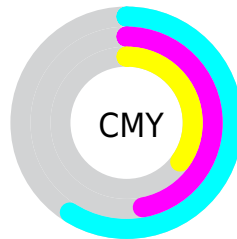
- Red (41%)
- Green (53%)
- Blue (65%)



- Red (41%)
- Yellow (49%)
- Blue (65%)



- Cyan (36%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0081, -4.8882, -14.4658 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 48.0081, -4.8882, -14.4658 by changing the saturation by 10% instead.

■ 48.0081, -4.8882,
-14.4658

■ 48.0081, -4.8882,
-14.4658

163.6994,
-12.2608, -14.7070

■ 38.2485, -4.1943,
-14.1399

■ 69.6227, -6.3552,
-14.9141

■ 29.2570, -3.5259,
-13.7482

■ 81.3925, -7.1268,
-15.0440

■ 21.1072, -2.8824,
-13.3009

■ 93.7596, -7.9233,
-15.1156

■ 13.8971, -2.2609,
-12.8416

■ 106.6964, -8.7442,
-15.1322

■ 7.5305, -2.1059,
-13.2842

120.1790, -9.5889,
-15.0969

0.0000, NaN, -NF

0.0000, NaN, NaN

134.1860,

-10.4569, -15.0126

0.0000, NaN, NaN

148.6984,
-11.3477, -14.8819

0.0000, NaN, NaN

■ 48.0081, -4.8882,
-14.4658

■ 48.0081, -4.8882,
-14.4658

■ 44.6440, -4.4732,
-19.8448

■ 51.5158, -4.8877,
-9.3115

■ 41.4368, -3.5811,
-25.4646

■ 55.1501, -4.5250,
-4.3658

■ 38.4053, -2.1490,
-31.3281

■ 58.8997, -3.8482,
0.3928

■ 35.5688, -0.1167,
-37.4228

■ 62.7541, -2.8981,
4.9854

■ 32.9463, 2.5611,
-43.7152

■ 66.7041, -1.7096,
9.4318

■ 30.5482, 5.8786,
-50.1637

■ 70.7418, -0.3122,
13.7503

■ 29.7108, 7.1657,
-52.6046

■ 74.8605, 1.2691,
17.9573

■ 79.0541, 3.0133,
22.0675

■ 83.3174, 4.9025,
26.0938

Harmonies

Analogous

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



48.0090, -11.9139, -10.4563



48.0081, -4.8882, -14.4658



48.0090, 3.2355, -13.3397

Triad

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



48.0090, -4.8886, -14.4649



48.0090, 12.8241, 7.6978



48.0090, -14.1316, 10.9799

Complementary

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



48.0081, -4.8882, -14.4658



51.3299, 3.1307, 16.2461

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.



48.0090, -8.1010, 14.4683



48.0081, -4.8882, -14.4658



48.0090, 7.5607, 12.8033

Square

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



48.0090, -4.8886, -14.4649



48.0090, 13.8260, 0.3267



48.0090, -0.1947, 15.0755



48.0090, -17.0135, 4.7926

Rectangle

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



48.0081, -4.8882, -14.4658



48.0090, 8.1631, -9.8977



48.0090, -0.1947, 15.0755



48.0090, -12.4252, 12.4613

Sweetspot

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



48.0090, -4.8886, -14.4649



76.3760, -5.6370, -2.5266



56.2452, -23.5813, 10.4693



35.4133, -2.6885, -1.5602



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.



48.0090, -4.8886, -14.4649



60.4323, -6.1126, -25.4162



40.0358, 9.1735, -27.8870



27.2354, -1.9196, -0.4558



26.0344, 5.8570, -45.1844



4.8676, -1.0068, -3.9107

Inverse Universe

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



44.5561, 21.9508, -2.6632



55.2635, 37.2777, -4.5574



59.6411, -10.5661, 23.2789



26.7250, 1.4181, 0.7016



25.5506, 45.6222, 2.0461



3.8304, 7.0702, -1.4832

Previews

White Background



This preview shows how the HunterLab color 48.0081, -4.8882, -14.4658 looks on a white background.

Color Contrast Check

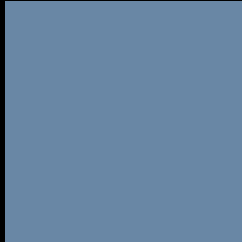
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.0081, -4.8882, -14.4658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

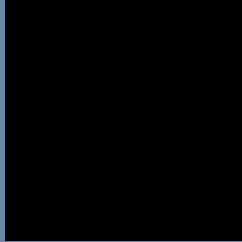
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

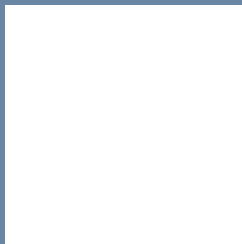
Any Text WCAG AAA × Fail

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

HunterLab 48.0081, -4.8882, -14.4658 Background



This preview shows how black text looks on a background with the HunterLab color 48.0081, -4.8882, -14.4658.



This preview shows how white text looks on a background with the HunterLab color 48.0081, -4.8882, -14.4658.

-14.4658.

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

48.0081, -4.8882, -14.4658

Protanopia

47.8111, 1.5144, -12.9018

Deuteranopia

47.8428, 3.3462, -15.1692



Tritanopia

48.0766, -10.3226, -5.6218

Trichromacy



Original Color

48.0081, -4.8882, -14.4658

Protanomaly

47.8840, -1.0473, -13.4165

Deuteranomaly

47.7884, 0.3022, -15.3069

Tritanomaly

48.0444, -8.5025, -8.8129

Monochromacy



Original Color

48.0081, -4.8882, -14.4658

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.0942, -3.7875, -3.2655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0081, -4.8882, -14.4658 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(105, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(105, 135, 165)  
}
```

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(105, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 135, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0081, -4.8882, -14.4658 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(105, 135, 165) }
```


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

```
.border{ border-color:rgb(105, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(105, 135,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0081, -4.8882, -14.4658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 135, 165) }
```

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

```
.background{ background-color: rgb(105,  
135, 165) }
```

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