

Converting Colors

HunterLab(48.7315, -5.6467,
-22.6065)

Have a look what the booklet for
HunterLab(48.7315, -5.6467,
-22.6065) contains.

HunterLab(48.7315, -5.6467, -22.6065)	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(48.7315, -5.6467,
-22.6065)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8AB4
RGB	92, 138, 180
RGB Percent	36%, 54%, 71%
CMY	0.6392, 0.4588, 0.2941
CMYK	0.49, 0.23, 0.00, 0.29
HSL	209°, 37%, 53%
HSV	209°, 49%, 71%
XYZ	21.7404, 23.7476, 46.6180
YIQ	129.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

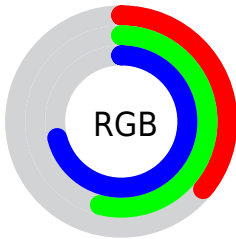
Format	Color
R_{YB}	92, 122, 180
Decimal	6064820
CIE _{Lab}	55.84, -3.85, -26.89
CIE _{LCh}	56, 27.161, 261.856
Yxy	23.7485, 0.2360, 0.2578
Android (android.graphics.Color)	4284254900 (0xFF5C8AB4)
YUV	129.0340, 25.1262, -32.4788
Hunter-Lab	48.7315, -5.6467, -22.6065

Details

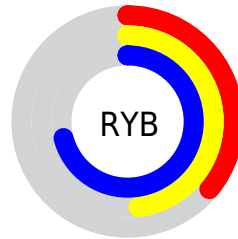
The HunterLab color $48.7315, -5.6467, -22.6065$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $52.4663, 7.7999, 21.0229$, and the grayscale version is $46.7839, -2.4963, 2.5419$.

A 20% lighter version of the original color is $70.3710, -6.9655, -23.6206$, and $29.7810, -4.0850, -21.6946$ is the 20% darker color. If you saturate the color by 10%, you get $45.3436, -4.6848, -28.6031$, and if you desaturate by 10%, it is $52.2989, -6.0603, -16.8325$.

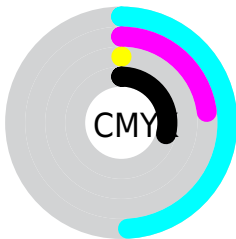
Distribution



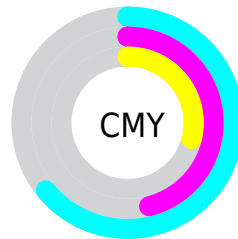
- Red (36%)
- Green (54%)
- Blue (71%)



- Red (36%)
- Yellow (48%)
- Blue (71%)



- Cyan (49%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7315, -5.6467, -22.6065 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 48.7315, -5.6467, -22.6065 by changing the saturation by 10% instead.

■ 48.7315, -5.6467,
-22.6065

■ 48.7315, -5.6467,
-22.6065

164.7866,
-13.4021, -24.8411

■ 38.9193, -4.8972,
-22.0875

■ 70.4411, -7.2134,
-23.4879

■ 29.8709, -4.1687,
-21.5393

■ 82.2544, -8.0309,
-23.8434

■ 21.6583, -3.4590,
-21.0091

■ 94.6630, -8.8711,
-24.1418

■ 14.3771, -2.7627,
-20.6290

■ 107.6395, -9.7337,
-24.3845

■ 8.0373, -2.5152,
-21.3574

121.1601,
-10.6184, -24.5736

0.0000, NaN, -NF

0.0000, NaN, -NF

135.2037,

-11.5250, -24.7114

0.0000, NaN, NaN

149.7515,
-12.4530, -24.7998

0.0000, NaN, NaN

■ 48.7315, -5.6467,
-22.6065

■ 48.7315, -5.6467,
-22.6065

■ 45.3436, -4.6848,
-28.6031

■ 52.2989, -6.0603,
-16.8325

■ 42.1513, -3.1081,
-34.8187

■ 56.0258, -5.9909,
-11.2783

■ 39.1746, -0.8579,
-41.2287

■ 59.8976, -5.4993,
-5.9301

■ 36.4308, 2.1022,
-47.7896

■ 63.9007, -4.6396,
-0.7708

■ 33.9134, 5.7065,
-54.4942

■ 68.0230, -3.4587,
4.2181

■ 33.6406, 6.1237,
-55.2672

■ 72.2543, -1.9972,
9.0550

■ 76.5855, -0.2894,
13.7576

■ 81.0087, 1.6354,
18.3421

■ 85.5171, 3.7524,
22.8234

Harmonies

Analogous

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



48.7324, -15.3261, -16.5938



48.7315, -5.6467, -22.6065



48.7324, 5.7644, -20.7320

Triad

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



48.7324, -5.6468, -22.6055



48.7324, 19.2793, 9.7459



48.7324, -18.5610, 13.7827

Complementary

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



48.7315, -5.6467, -22.6065



52.4663, 7.7999, 21.0229

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.



48.7324, -10.4411, 18.2177



48.7315, -5.6467, -22.6065



48.7324, 11.5766, 16.2843

Square

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



48.7324, -5.6468, -22.6055



48.7324, 20.8596, -0.3713



48.7324, 0.5177, 19.0153



48.7324, -22.3248, 5.4944

Rectangle

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



48.7315, -5.6467, -22.6065



48.7324, 12.7814, -15.4182



48.7324, 0.5177, 19.0153



48.7324, -16.2876, 15.6875

Sweetspot

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



48.7324, -5.6468, -22.6055



82.5923, -7.0386, -5.4351



60.5093, -32.2193, 14.9538



37.8817, -3.3732, -3.2021



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.



48.7324, -5.6468, -22.6055



60.5611, -6.1128, -39.4409



37.0729, 15.7177, -45.9385



29.9008, -2.1974, -0.4637



28.3441, 4.6629, -45.4934



6.0721, -0.9523, -5.5339

Inverse Universe

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



43.8104, 34.3087, -4.9454



53.7040, 57.0740, -7.0988



64.7667, -12.7733, 30.4154



29.2865, 1.6265, 0.6797



27.1130, 48.5667, 0.9706



4.9295, 9.0488, -1.5189

Previews

White Background



This preview shows how the HunterLab color 48.7315, -5.6467, -22.6065 looks on a white background.

Color Contrast Check

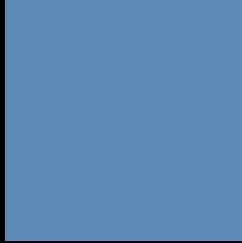
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.7315, -5.6467, -22.6065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

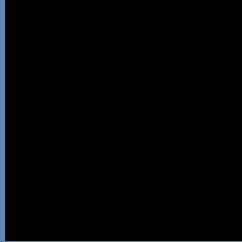
Any Text WCAG AA ✓ Pass

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 48.7315, -5.6467, -22.6065 Background



This preview shows how black text looks on a background with the HunterLab color 48.7315, -5.6467, -22.6065.

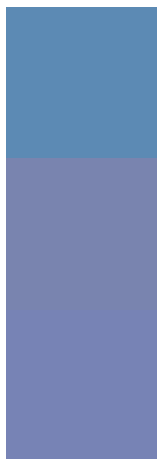


This preview shows how white text looks on a background with the HunterLab color 48.7315, -5.6467, -22.6065.

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

48.7315, -5.6467, -22.6065

Protanopia

48.6442, 2.4792, -19.4157

Deuteranopia

48.4672, 3.8096, -23.5459



Tritanopia

48.8496, -14.9217, -7.2662

Trichromacy



Original Color

48.7315, -5.6467, -22.6065

Protanomaly

48.5175, -0.6867, -20.9461

Deuteranomaly

48.6185, -0.0068, -23.3531

Tritanomaly

48.7035, -11.6878, -12.3759

Monochromacy



Original Color

48.7315, -5.6467, -22.6065

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.2796, -4.2146, -6.0744

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7315, -5.6467, -22.6065 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(92, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7315, -5.6467, -22.6065 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(92, 138, 180) }
```


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

```
.border{ border-color:rgb(92, 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(92, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.7315, -5.6467, -22.6065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 180) }
```

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

```
.background{ background-color: rgb(92, 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](#).

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