

Converting Colors

HunterLab(41.3882, 11.3266,
-22.6360)

Have a look what the booklet for
HunterLab(41.3882, 11.3266,
-22.6360) contains.

HunterLab(41.3300, 11.6166, -22.6998)	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(41.3300, 11.6166,
-22.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	786BA1
RGB	120, 107, 161
RGB Percent	47%, 42%, 63%
CMY	0.5294, 0.5804, 0.3686
CMYK	0.25, 0.34, 0.00, 0.37
HSL	254°, 22%, 53%
HSV	254°, 34%, 63%
XYZ	19.4365, 17.0817, 35.9909
YIQ	117.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

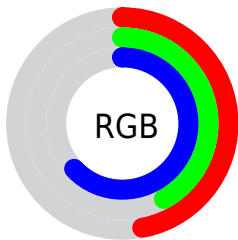
Format	Color
R_{YB}	120, 107, 161
Decimal	7891873
CIE _{Lab}	48.36, 17.15, -27.31
CIE _{LCh}	48, 32.251, 302.123
Yxy	17.0824, 0.2681, 0.2356
Android (android.graphics.Color)	4286081953 (0xFF786BA1)
YUV	117.0430, 21.6708, 2.5933
Hunter-Lab	41.3300, 11.6166, -22.6998

Details

The HunterLab color $41.3300, 11.6166, -22.6998$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $57.3128, -14.3005, 20.6750$, and the grayscale version is $42.1159, -2.2472, 2.2882$.

A 20% lighter version of the original color is $61.8836, 12.4325, -23.8929$, and $23.7443, 10.3335, -21.3148$ is the 20% darker color. If you saturate the color by 10%, you get $36.3497, 16.5454, -32.3102$, and if you desaturate by 10%, it is $46.5708, 6.9634, -14.1089$.

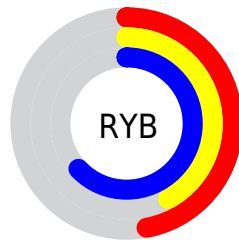
Distribution



Red (47%)

Green (42%)

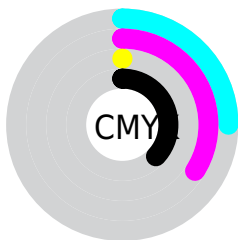
Blue (63%)



Red (47%)

Yellow (42%)

Blue (63%)

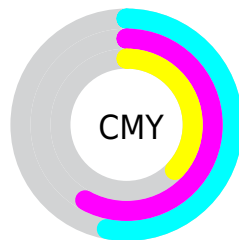


Cyan (25%)

Magenta (34%)

Yellow (0%)

Black (37%)



Cyan (53%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.3300, 11.6166, -22.6998 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 41.3300, 11.6166, -22.6998 by changing the saturation by 10% instead.

■ 41.3300, 11.6166,
-22.6998

■ 41.3300, 11.6166,
-22.6998

■ 153.5078, 12.4619,
-25.3932

■ 32.0831, 11.1328,
-22.1489

■ 62.0220, 12.2875,
-23.6804

■ 23.6512, 10.5294,
-21.6052

■ 73.3703, 12.4990,
-24.0903

■ 16.1236, 9.7825,
-21.1742

■ 85.3369, 12.6392,
-24.4430

■ 9.6256, 8.8636,
-21.1872

■ 97.8915, 12.7145,
-24.7391

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.0077, 12.7303,
-24.9800

0.0000, NaN, NaN

■ 124.6625, 12.6911,

0.0000, NaN, NaN

-25.1680

0.0000, NaN, NaN

138.8353, 12.6005,
-25.3050

■ 41.3300, 11.6166,
-22.6998

■ 41.3300, 11.6166,
-22.6998

■ 36.3497, 16.5454,
-32.3102

■ 46.5708, 6.9634,
-14.1089

■ 31.6880, 21.7911,
-43.1818

■ 52.0261, 2.5358,
-6.3237

■ 27.4312, 27.3374,
-55.4980

■ 57.6647, -1.7153,
0.8338

■ 23.6977, 33.0158,
-69.1811

■ 63.4628, -5.8304,
7.5019

■ 20.6414, 38.3370,
-83.4625

■ 69.4019, -9.8421,
13.7871

■ 18.4264, 42.3702,
-96.3992

■ 75.4676, -13.7759,
19.7711

■ 17.3202, 44.5177,
-103.9724

■ 81.6482, -17.6518,
25.5171

■ 87.9344, -21.4855,
31.0738

■ 94.3183, -25.2893,
36.4797

Harmonies

Analogous

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



41.3308, -1.2978, -28.4020



41.3300, 11.6166, -22.6998



41.3308, 21.7063, -10.1725

Triad

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



41.3308, 11.6160, -22.6988



41.3308, 9.8597, 17.9827



41.3308, -23.9162, 1.3788

Complementary

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



41.3300, 11.6166, -22.6998



57.3128, -14.3005, 20.6750

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.



41.3308, -21.6788, 11.7158



41.3300, 11.6166, -22.6998



41.3308, -3.1094, 19.3988

Square

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



41.3308, 11.6160, -22.6988



41.3308, 20.6091, 12.8063



41.3308, -14.4236, 17.5000



41.3308, -20.9462, -12.1298

Rectangle

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



41.3300, 11.6166, -22.6998



41.3308, 24.9126, -1.0672



41.3308, -14.4236, 17.5000



41.3308, -23.7489, 5.3127

Sweetspot

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



41.3308, 11.6160, -22.6988



72.1270, 1.4635, -5.1692



51.9664, -11.4239, -6.6490



33.3165, 1.0385, -3.0208



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



41.3308, 11.6160, -22.6988



50.4642, 20.2618, -39.4971



43.8810, 19.4215, -18.1797



26.3409, 0.3412, -1.5516



15.5317, 39.8300, -92.5328



2.6630, 6.1820, -10.8495

Inverse Universe

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



44.9791, 21.6954, -8.8359



56.5919, 36.2657, -14.9116



55.3585, -21.6171, 18.8347



26.7822, 1.7251, -0.1121



26.8052, 50.1337, -15.4611



3.9707, 7.5681, -3.3895

Previews

White Background



This preview shows how the HunterLab color 41.3300, 11.6166, -22.6998 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.3300, 11.6166, -22.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

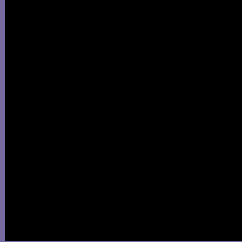
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.3300, 11.6166, -22.6998 Background



This preview shows how black text looks on a background with the HunterLab color 41.3300, 11.6166, -22.6998.



This preview shows how white text looks on a background with the HunterLab color 41.3300, 11.6166, -22.6998.

-22.6998.

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

41.3300, 11.6166, -22.6998

Protanopia

41.4247, 4.3152, -26.0338

Deuteranopia

41.5716, 2.8977, -21.7656



Tritanopia

41.2318, -0.8735, -2.0288

Trichromacy



Original Color

41.3300, 11.6166, -22.6998

Protanomaly

41.3683, 6.6937, -24.7294

Deuteranomaly

41.2707, 6.0302, -22.2420

Tritanomaly

41.0950, 3.6719, -8.7587

Monochromacy



Original Color

41.3300, 11.6166, -22.6998

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

41.6596, 2.5495, -5.8661

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.3300, 11.6166, -22.6998 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(120, 107, 161)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 161)  
}
```

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(120, 107, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 41.3300, 11.6166, -22.6998 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(120, 107, 161) }
```


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

```
.border{ border-color:rgb(120, 107, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 161);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.3300, 11.6166, -22.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 161) }
```

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

```
.background{ background-color: rgb(120,  
107, 161) }
```

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