

Converting Colors

HunterLab(55.4381, 13.3301,
-17.7065)

Have a look what the booklet for
HunterLab(55.4381, 13.3301,
-17.7065) contains.

HunterLab(55.4678, 13.4280, -17.6580)	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(55.4678, 13.4280,
-17.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	A58DBE
RGB	165, 141, 190
RGB Percent	65%, 55%, 75%
CMY	0.3529, 0.4470, 0.2549
CMYK	0.13, 0.26, 0.00, 0.25
HSL	269°, 27%, 65%
HSV	269°, 26%, 75%
XYZ	34.3362, 30.7668, 52.8441
YIQ	153.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

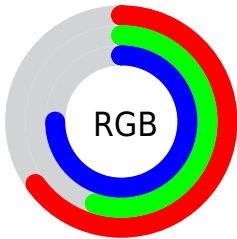
Format	Color
R _Y B	165, 141, 190
Decimal	10849726
CIE _{Lab}	62.31, 18.56, -22.15
CIE _{LCh}	62, 28.898, 309.951
Yxy	30.7681, 0.2911, 0.2609
Android (android.graphics.Color)	4289039806 (0xFFA58DBE)
YUV	153.7620, 17.8653, 9.8557
Hunter-Lab	55.4678, 13.4280, -17.6580

Details

The HunterLab color $55.4678, 13.4280, -17.6580$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68.4527, -18.2298, 20.0337$, and the grayscale version is $56.6804, -3.0243, 3.0796$.

A 20% lighter version of the original color is $78.0382, 13.6309, -17.9167$, and $35.7358, 12.3627, -16.4085$ is the 20% darker color. If you saturate the color by 10%, you get $49.6354, 20.4171, -27.2489$, and if you desaturate by 10%, it is $61.5950, 6.6111, -8.8224$.

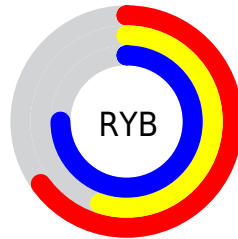
Distribution



Red (65%)

Green (55%)

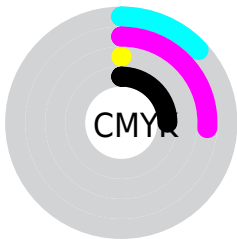
Blue (75%)



Red (65%)

Yellow (55%)

Blue (75%)

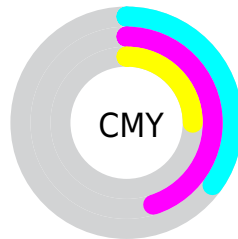


Cyan (13%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4678, 13.4280, -17.6580 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 55.4678, 13.4280, -17.6580 by changing the saturation by 10% instead.

■ 55.4678, 13.4280,
-17.6580

■ 55.4678, 13.4280,
-17.6580

174.7765, 14.0057,
-18.3495

■ 45.1910, 13.0149,
-17.2928

■ 78.0222, 13.9953,
-18.1954

■ 35.6404, 12.5024,
-16.8671

■ 90.2244, 14.1691,
-18.3741

■ 26.8774, 11.8735,
-16.3895

■ 103.0036, 14.2781,
-18.4960

■ 18.9803, 11.1076,
-15.8921

116.3350, 14.3273,
-18.5640

■ 12.0574, 10.1790,
-15.4790

130.1966, 14.3213,
-18.5809

■ 5.0585, 15.7150,
-21.1963

144.5688, 14.2636,

0.0000, NaN, -NF

-18.5493

0.0000, NaN, NaN

159.4340, 14.1575,
-18.4715

0.0000, NaN, NaN

■ 55.4678, 13.4280,
-17.6580

■ 55.4678, 13.4280,
-17.6580

■ 49.6354, 20.4171,
-27.2489

■ 61.5950, 6.6111,
-8.8224

■ 44.1526, 27.5642,
-37.7283

■ 67.9691, -0.0427,
-0.6136

■ 39.0978, 34.7822,
-49.1742

■ 74.5574, -6.5578,
7.0872

■ 34.5709, 41.8493,
-61.5136

■ 81.3336, -12.9598,
14.3781

■ 30.6944, 48.3142,
-74.3406

■ 88.2767, -19.2723,
21.3390

■ 27.5997, 53.4347,
-86.7092

■ 95.3688, -25.5142,
28.0330

■ 25.3786, 56.3509,
-97.1861

■ 96.1966, -22.4716,
28.8570

■ 24.5927, 57.2325,
-101.2917

■ 97.0635, -19.3150,
29.7146

■ 97.9692, -16.0487,
30.6050

Harmonies

Analogous

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



55.4690, 1.2763, -24.7370



55.4678, 13.4280, -17.6580



55.4690, 21.6180, -5.4555

Triad

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



55.4690, 13.4268, -17.6567



55.4690, 5.5690, 20.5669



55.4690, -24.8183, -1.1028

Complementary

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



55.4678, 13.4280, -17.6580



68.4527, -18.2298, 20.0337

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.



55.4690, -23.8912, 10.3375



55.4678, 13.4280, -17.6580



55.4690, -7.0780, 21.2273

Square

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



55.4690, 13.4268, -17.6567



55.4690, 16.8088, 15.8475



55.4690, -17.6457, 17.9115



55.4690, -20.3020, -13.8671

Rectangle

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



55.4678, 13.4280, -17.6580



55.4690, 23.3360, 2.9997



55.4690, -17.6457, 17.9115



55.4690, -25.1228, 3.0389

Sweetspot

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



55.4690, 13.4268, -17.6567



89.4603, 2.0220, -3.3468



60.6377, -6.1070, -10.3752



41.3041, 1.5847, -2.3474



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



55.4690, 13.4268, -17.6567



70.1297, 23.4230, -31.0104



57.9749, 21.2441, -13.7249



30.7385, 1.0808, -1.6253



20.1693, 46.7968, -81.9752



4.4529, 9.8003, -13.9792

Inverse Universe

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



57.2288, 17.2635, -1.8108



73.1318, 29.6692, -3.7404



66.6973, -24.8009, 18.2625



31.0088, 1.7323, 0.7584



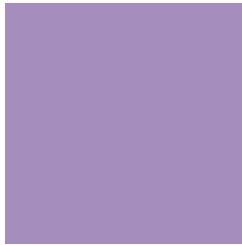
28.0505, 50.1373, 1.8471



5.6692, 10.3483, -1.2950

Previews

White Background



This preview shows how the HunterLab color 55.4678, 13.4280, -17.6580 looks on a white background.

Color Contrast Check

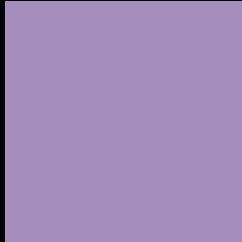
Large Text (above 18pt) WCAG AA × Fail

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 55.4678, 13.4280, -17.6580 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 ✓ Pass

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

HunterLab 55.4678, 13.4280, -17.6580 Background



This preview shows how black text looks on a background with the HunterLab color 55.4678, 13.4280, -17.6580.



This preview shows how white text looks on a background with the HunterLab color 55.4678, 13.4280, -17.6580.

-17.6580.

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

55.4678, 13.4280, -17.6580

Protanopia

55.5731, 2.9369, -21.4222

Deuteranopia

55.6461, 4.0787, -16.9364



Tritanopia

55.5064, 2.8844, -0.2994

Trichromacy



Original Color

55.4678, 13.4280, -17.6580

Protanomaly

55.4515, 6.7066, -20.2856

Deuteranomaly

55.4051, 7.5783, -17.2469

Tritanomaly

55.5288, 6.5947, -6.2741

Monochromacy



Original Color

55.4678, 13.4280, -17.6580

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

56.1730, 2.8210, -3.9250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4678, 13.4280, -17.6580 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(165, 141, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 190)  
}
```

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(165, 141, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4678, 13.4280, -17.6580 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(165, 141, 190) }
```


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

```
.border{ border-color:rgb(165, 141, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4678, 13.4280, -17.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 190) }
```

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

```
.background{ background-color: rgb(165,  
141, 190) }
```

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