

Converting Colors

HunterLab(51.5323, 45.0125,
-55.2920)

Have a look what the booklet for
HunterLab(51.5323, 45.0125,
-55.2920) contains.

HunterLab(51.5628, 45.0874, -55.2227)	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(51.5628, 45.0874,
-55.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	B56DE8
RGB	181, 109, 232
RGB Percent	71%, 43%, 91%
CMY	0.2902, 0.5725, 0.0902
CMYK	0.22, 0.53, 0.00, 0.09
HSL	275°, 73%, 67%
HSV	275°, 53%, 91%
XYZ	39.0902, 26.5872, 79.4155
YIQ	144.5500, 3.4290, 53.5170

Conversions

Conversions Part 2

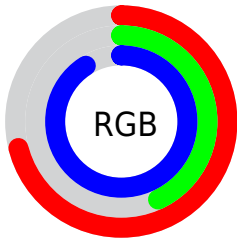
Format	Color
R _Y B	181, 109, 232
Decimal	11890152
CIE Lab	58.59, 50.32, -51.42
CIE LCh	59, 71.949, 314.378
Yxy	26.5883, 0.2694, 0.1832
Android (android.graphics.Color)	4290080232 (0xFFB56DE8)
YUV	144.5500, 43.1128, 31.9666
Hunter-Lab	51.5628, 45.0874, -55.2227

Details

The HunterLab color $51.5628, 45.0874, -55.2227$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $81.4196, -41.3848, 38.9095$, and the grayscale version is $52.8637, -2.8207, 2.8722$.

A 20% lighter version of the original color is $71.9480, 39.6797, -32.9345$, and $32.2813, 41.6957, -54.8183$ is the 20% darker color. If you saturate the color by 10%, you get $45.9907, 54.4114, -69.1293$, and if you desaturate by 10%, it is $57.8026, 35.4486, -42.0707$.

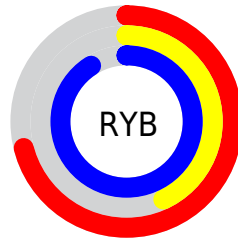
Distribution



Red (71%)

Green (43%)

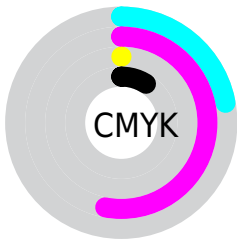
Blue (91%)



Red (71%)

Yellow (43%)

Blue (91%)

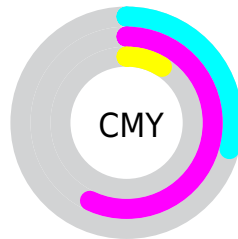


Cyan (22%)

Magenta (53%)

Yellow (0%)

Black (9%)



Cyan (29%)

Magenta (57%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5628, 45.0874, -55.2227 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 51.5628, 45.0874, -55.2227 by changing the saturation by 10% instead.

51.5628, 45.0874,
-55.2227

51.5628, 45.0874,
-55.2227

169.0142, 56.4200,
-61.5157

41.5503, 43.3295,
-54.6974

73.6359, 48.2674,
-56.6292

32.2848, 41.4668,
-54.4679

85.6163, 49.6985,
-57.3909

23.8335, 39.5270,
-54.8334

98.1839, 51.0313,
-58.1499

16.2841, 37.6054,
-56.4934

111.3126, 52.2718,
-58.8900

9.7608, 36.0324,
-61.4490

124.9794, 53.4258,
-59.6016

0.0000, INF, -NF

0.0000, NaN, -NF

139.1638, 54.4987,

-60.2786

0.0000, NaN, NaN

153.8475, 55.4953,
-60.9173

■ 51.5628, 45.0874,
-55.2227

■ 51.5628, 45.0874,
-55.2227

■ 45.9907, 54.4114,
-69.1293

■ 57.8026, 35.4486,
-42.0707

■ 41.2239, 62.8399,
-83.2996

■ 64.5879, 25.8128,
-29.8314

■ 37.4075, 69.4841,
-96.7371

■ 71.8254, 16.3219,
-18.4761

■ 34.6413, 73.3484,
-108.0365

■ 79.4416, 7.0234,
-7.9039

■ 33.2330, 74.4434,
-114.4224

■ 87.3802, -2.0821,
2.0049

■ 95.5971, -11.0144,
11.3644

■ 98.6735, -11.3939,
14.7296

■ 99.3007, -9.1806,
15.4445

Harmonies

Analogous

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



51.5638, 12.6558, -85.9400



51.5628, 45.0874, -55.2227



51.5638, 66.8735, -14.6183

Triad

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



51.5638, 45.0866, -55.2209



51.5638, 14.0335, 32.8290



51.5638, -48.2043, -13.0837

Complementary

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



51.5628, 45.0874, -55.2227



81.4196, -41.3848, 38.9095

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.



51.5638, -48.0016, 15.6988



51.5628, 45.0874, -55.2227



51.5638, -16.5430, 32.8952

Square

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



51.5638, 45.0866, -55.2209



51.5638, 46.2955, 28.5864



51.5638, -37.7368, 28.8996



51.5638, -38.3754, -53.5513

Rectangle

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



51.5628, 45.0874, -55.2227



51.5638, 69.8442, 6.8924



51.5638, -37.7368, 28.8996



51.5638, -49.2194, -1.6432

Sweetspot

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



51.5638, 45.0866, -55.2209



85.7939, 10.9694, -12.3231



58.5720, -0.4476, -41.1963



38.8770, 6.0640, -6.8205

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.5638, 45.0866, -55.2209



50.4446, 61.8797, -79.0302



57.7533, 59.3386, -34.1403



37.8178, 1.7266, -1.9774



24.9136, 55.6477, -84.5385



7.1613, 15.6015, -21.2443

Inverse Universe

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



55.3462, 48.5766, -0.6737



56.0349, 65.5101, 0.7438



78.9322, -51.0462, 34.5744



38.0350, 2.0678, 1.3433



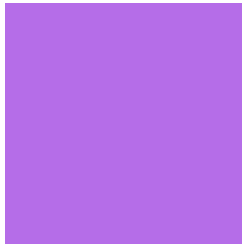
31.6525, 55.7682, 8.3415



8.7092, 15.5426, 0.7603

Previews

White Background



This preview shows how the HunterLab color 51.5628, 45.0874, -55.2227 looks on a white background.

Color Contrast Check

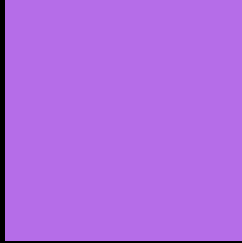
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.5628, 45.0874, -55.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

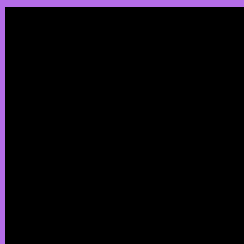
Any Text WCAG AA ✓ Pass

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 51.5628, 45.0874, -55.2227 Background



This preview shows how black text looks on a background with the HunterLab color 51.5628, 45.0874, -55.2227.



This preview shows how white text looks on a background with the HunterLab color 51.5628, 45.0874, -55.2227.

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

51.5628, 45.0874, -55.2227

Protanopia

51.9578, 14.3775, -75.6908

Deuteranopia

51.8343, 4.9088, -50.2749



Tritanopia

51.5388, 9.7597, 2.4889

Trichromacy



Original Color

51.5628, 45.0874, -55.2227



Protanomaly

50.8095, 23.4527, -70.9636



Deuteranomaly

50.6576, 18.1558, -54.3736



Tritanomaly

51.1550, 21.2324, -15.1139

Monochromacy



Original Color

51.5628, 45.0874, -55.2227



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

51.9095, 13.3078, -15.2896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5628, 45.0874, -55.2227 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(181, 109, 232)` looks like.

```
.text, #text, p{  
    color:rgb(181, 109, 232)  
}
```

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(181, 109, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 109, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5628, 45.0874, -55.2227 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(181, 109, 232) }
```


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

```
.border{ border-color:rgb(181, 109, 232) }
```

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

Here you see how a box with a 4 pixel rgb(181, 109, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 109, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 109, 232);  
box-shadow:4px 4px 4px 4px rgb(181, 109,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5628, 45.0874, -55.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 109, 232) }
```

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

```
.background{ background-color: rgb(181,  
109, 232) }
```

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