

Converting Colors

HunterLab(55.9254, 45.1891,
-25.9804)

Have a look what the booklet for
HunterLab(55.9254, 45.1891,
-25.9804) contains.

HunterLab(55.9254, 45.1891, -25.9804)	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(55.9254, 45.1891,
-25.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	D575CD
RGB	213, 117, 205
RGB Percent	84%, 46%, 80%
CMY	0.1647, 0.5412, 0.1961
CMYK	0.00, 0.45, 0.04, 0.16
HSL	305°, 53%, 65%
HSV	305°, 45%, 84%
XYZ	44.8213, 31.2765, 61.4323
YIQ	155.7360, 28.9680, 47.7200

Conversions

Conversions Part 2

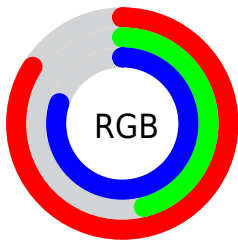
Format	Color
R _Y B	213, 117, 205
Decimal	13989325
CIE Lab	62.74, 49.78, -29.50
CIE LCh	63, 57.867, 329.347
Yxy	31.2779, 0.3259, 0.2274
Android (android.graphics.Color)	4292179405 (0xFFD575CD)
YUV	155.7360, 24.2872, 50.2205
Hunter-Lab	55.9254, 45.1891, -25.9804

Details

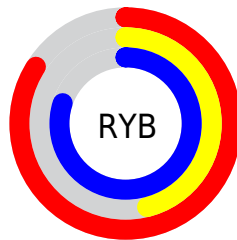
The HunterLab color $55.9254, 45.1891, -25.9804$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $72.6995, -41.6973, 28.2423$, and the grayscale version is $57.4485, -3.0653, 3.1213$.

A 20% lighter version of the original color is $76.1479, 40.3059, -26.0355$, and $35.9677, 41.5170, -24.6740$ is the 20% darker color. If you saturate the color by 10%, you get $51.7503, 55.6971, -32.0299$, and if you desaturate by 10%, it is $60.7495, 34.1634, -19.4415$.

Distribution



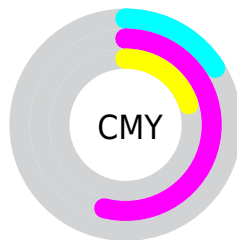
- Red (84%)
- Green (46%)
- Blue (80%)



- Red (84%)
- Yellow (46%)
- Blue (80%)



- Cyan (0%)
- Magenta (45%)
- Yellow (4%)
- Black (16%)



- Cyan (16%)
- Magenta (54%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.9254, 45.1891, -25.9804 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 55.9254, 45.1891, -25.9804 by changing the saturation by 10% instead.

■ 55.9254, 45.1891,
-25.9804

■ 55.9254, 45.1891,
-25.9804

175.4470, 56.0267,
-28.5185

■ 45.6186, 43.4944,
-25.4376

■ 78.5349, 48.2406,
-26.9144

■ 36.0355, 41.6909,
-24.8653

■ 90.7625, 49.6117,
-27.3007

■ 27.2372, 39.7917,
-24.2980

■ 103.5660, 50.8871,
-27.6321

■ 19.3009, 37.8525,
-23.8251

116.9206, 52.0731,
-27.9098

■ 12.3333, 36.0591,
-23.6954

130.8045, 53.1751,
-28.1354

■ 5.5091, 45.1931,
-30.7419

145.1983, 54.1983,

0.0000, INF, -NF

-28.3108

0.0000, NaN, NaN

160.0844, 55.1474,
-28.4379

0.0000, NaN, NaN

■ 55.9254, 45.1891,
-25.9804

■ 55.9254, 45.1891,
-25.9804

■ 51.7503, 55.6971,
-32.0299

■ 60.7495, 34.1634,
-19.4415

■ 48.3078, 65.1576,
-37.2544

■ 66.1306, 23.0012,
-12.6690

■ 45.6695, 72.9256,
-41.2643

■ 71.9896, 11.9272,
-5.8239


■ 43.8651, 78.4134,
-43.7291


■ 78.2576, 1.0595,
0.9991


■ 42.8552, 81.3357,
-44.5245


■ 84.8770, -9.5535,
7.7513

 42.5414, 82.1416,
-44.5107

 91.8007, -19.9049,
14.4124

 95.2357, -24.6263,
17.2027

 95.2846, -24.3486,
16.4994

 95.3339, -24.0682,
15.7893

Harmonies

Analogous

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



55.9267, 22.8416, -54.0013



55.9254, 45.1891, -25.9804



55.9267, 54.2855, 2.5158

Triad

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



55.9267, 45.1870, -25.9787



55.9267, -2.4333, 32.3281



55.9267, -39.3153, -24.6384

Complementary

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



55.9254, 45.1891, -25.9804



72.6995, -41.6973, 28.2423

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.



55.9267, -43.7128, 3.5675



55.9254, 45.1891, -25.9804



55.9267, -24.8407, 30.1868

Square

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



55.9267, 45.1870, -25.9787



55.9267, 23.9692, 29.9775



55.9267, -38.9137, 21.8373



55.9267, -25.6418, -53.0157

Rectangle

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



55.9254, 45.1891, -25.9804



55.9267, 50.5656, 16.2811



55.9267, -38.9137, 21.8373



55.9267, -41.8072, -14.5122

Sweetspot

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



55.9267, 45.1870, -25.9787



88.9436, 13.3781, -6.3639



46.7849, 20.4935, -50.5905



40.3993, 7.5476, -3.7906

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.9267, 45.1870, -25.9787



63.6831, 67.6435, -38.9058



54.1337, 36.7956, -0.9373



35.5162, 2.7120, -0.9252



33.2598, 64.2374, -34.9339



8.2013, 15.8911, -9.0122

Inverse Universe

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



55.9267, 45.1870, -25.9787



63.6831, 67.6435, -38.9058



73.7487, -35.4531, 13.0376



35.5162, 2.7120, -0.9252



33.2598, 64.2374, -34.9339



8.2013, 15.8911, -9.0122

Previews

White Background



This preview shows how the HunterLab color 55.9254, 45.1891, -25.9804 looks on a white background.

Color Contrast Check

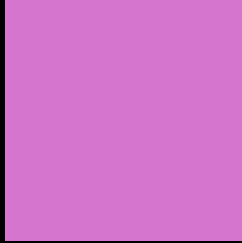
Large Text (above 18pt) WCAG AA × Fail

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 55.9254, 45.1891, -25.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

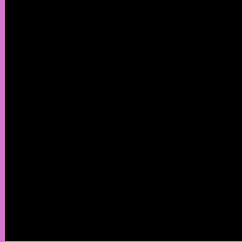
Any Text WCAG AA ✓ Pass

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 55.9254, 45.1891, -25.9804 Background



This preview shows how black text looks on a background with the HunterLab color 55.9254, 45.1891, -25.9804.



This preview shows how white text looks on a background with the HunterLab color 55.9254, 45.1891, -25.9804.

-25.9804.

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

55.9254, 45.1891, -25.9804

Protanopia

56.4511, 7.5885, -44.4854

Deuteranopia

56.2129, 3.8750, -22.2846



Tritanopia

55.7986, 24.2373, 8.0311

Trichromacy



Original Color

55.9254, 45.1891, -25.9804



Protanomaly

55.2438, 19.5910, -39.7848



Deuteranomaly

55.3258, 17.9324, -24.8122



Tritanomaly

55.6884, 31.3170, -2.5303

Monochromacy



Original Color

55.9254, 45.1891, -25.9804



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

56.3463, 13.6786, -7.1766

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.9254, 45.1891, -25.9804 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(213, 117, 205)` looks like.

```
.text, #text, p{  
    color:rgb(213, 117, 205)  
}
```

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(213, 117, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 117, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 55.9254, 45.1891, -25.9804 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(213, 117, 205) }
```


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

```
.border{ border-color:rgb(213, 117, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 117, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 117, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 117, 205);  
box-shadow:4px 4px 4px 4px rgb(213, 117,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.9254, 45.1891, -25.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 117, 205) }
```

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

```
.background{ background-color: rgb(213,  
117, 205) }
```

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