

Converting Colors

HunterLab(55.5987, 65.9926,
-30.5764)

Have a look what the booklet for
HunterLab(55.5987, 65.9926,
-30.5764) contains.

HunterLab(55.5807, 65.8007, -30.3405)	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(55.5807, 65.8007,
-30.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5FD3
RGB	237, 95, 211
RGB Percent	93%, 37%, 83%
CMY	0.0706, 0.6274, 0.1725
CMYK	0.00, 0.60, 0.11, 0.07
HSL	311°, 80%, 65%
HSV	311°, 60%, 93%
XYZ	50.7752, 30.8921, 64.9148
YIQ	150.6820, 47.3960, 66.1800

Conversions

Conversions Part 2

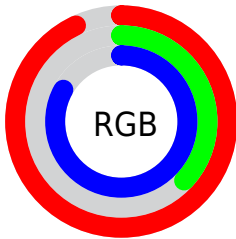
Format	Color
R _Y B	237, 95, 211
Decimal	15556563
CIE Lab	62.42, 67.70, -33.13
CIE LCh	62, 75.368, 333.926
Yxy	30.8936, 0.3464, 0.2108
Android (android.graphics.Color)	4293746643 (0xFFED5FD3)
YUV	150.6820, 29.7368, 75.7009
Hunter-Lab	55.5807, 65.8007, -30.3405

Details

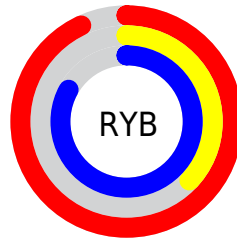
The HunterLab color **55.5807, 65.8007, -30.3405** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **80.2390, -54.8684, 35.1141**, and the grayscale version is **55.3730, -2.9546, 3.0085**.

A 20% lighter version of the original color is **71.3698, 51.4731, -33.7159**, and **35.7685, 61.2932, -29.0224** is the 20% darker color. If you saturate the color by 10%, you get **51.9988, 75.2144, -33.7031**, and if you desaturate by 10%, it is **60.0438, 54.8526, -25.7505**.

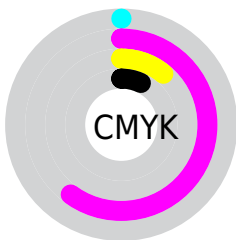
Distribution



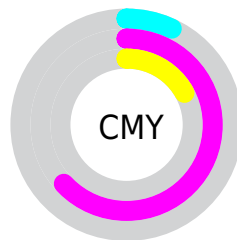
- Red (93%)
- Green (37%)
- Blue (83%)



- Red (93%)
- Yellow (37%)
- Blue (83%)



- Cyan (0%)
- Magenta (60%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.5807, 65.8007, -30.3405 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 55.5807, 65.8007, -30.3405 by changing the saturation by 10% instead.

55.5807, 65.8007,
-30.3405

55.5807, 65.8007,
-30.3405

174.9423, 81.6768,
-33.7061

45.2966, 63.5844,
-29.7354

78.1489, 69.9708,
-31.4365

35.7380, 61.3219,
-29.1262

90.3573, 71.9143,
-31.9135

26.9662, 59.0858,
-28.5678

103.1426, 73.7619,
-32.3389

19.0595, 57.0636,
-28.1942

116.4798, 75.5163,
-32.7122

12.1254, 55.7856,
-28.3706

130.3469, 77.1811,
-33.0342

5.1736, 74.4257,
-38.9786

144.7244, 78.7601,

0.0000, INF, -NF

-33.3062

0.0000, NaN, -NF

159.5948, 80.2574,
-33.5297

0.0000, NaN, NaN

■ 55.5807, 65.8007,
-30.3405

■ 55.5807, 65.8007,
-30.3405

■ 51.9988, 75.2144,
-33.7031

■ 60.0438, 54.8526,
-25.7505

■ 49.3621, 82.3640,
-35.4967

■ 65.2859, 43.0578,
-20.3074

■ 47.6765, 86.6965,
-35.5304

■ 71.2033, 30.9186,
-14.3171

■ 46.7848, 88.3866,
-34.0384

■ 77.6980, 18.7574,
-8.0037

■ 46.7782, 88.3975,
-34.0232

■ 84.6848, 6.7529,
-1.5151

■ 92.0925, -5.0118,
5.0575

■ 97.9276, -13.4861,
9.5420

■ 98.0618, -12.7401,
7.6232

■ 98.1990, -11.9786,
5.6644

Harmonies

Analogous

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



55.5820, 36.8014, -73.3463



55.5807, 65.8007, -30.3405



55.5820, 75.0011, 6.9796

Triad

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



55.5820, 65.7978, -30.3386



55.5820, -7.2226, 35.7696



55.5820, -46.2231, -41.9665

Complementary

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



55.5807, 65.8007, -30.3405



80.2390, -54.8684, 35.1141

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.



55.5820, -52.9394, -1.2424



55.5807, 65.8007, -30.3405



55.5820, -33.9758, 33.3367

Square

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



55.5820, 65.7978, -30.3386



55.5820, 27.5626, 34.4413



55.5820, -49.0387, 23.4656



55.5820, -28.0656, -82.3669

Rectangle

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



55.5807, 65.8007, -30.3405



55.5820, 67.2412, 22.2746



55.5820, -49.0387, 23.4656



55.5820, -49.6747, -27.2276

Sweetspot

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



55.5820, 65.7978, -30.3386



85.7907, 17.9639, -7.4095



42.6603, 38.0756, -84.4006



38.6961, 10.0875, -4.3718

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.5820, 65.7978, -30.3386



55.7300, 83.8256, -37.2519



53.0600, 54.9180, 4.9117



39.0688, 2.8564, -0.5603



34.5900, 65.4083, -25.4915



9.7561, 18.5518, -7.9923

Inverse Universe

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



55.5820, 65.7978, -30.3386



55.7300, 83.8256, -37.2519



81.6735, -46.1909, 14.2911



39.0688, 2.8564, -0.5603



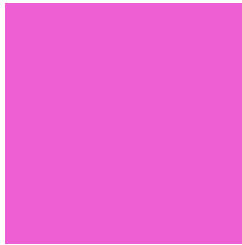
34.5900, 65.4083, -25.4915



9.7561, 18.5518, -7.9923

Previews

White Background



This preview shows how the HunterLab color 55.5807, 65.8007, -30.3405 looks on a white background.

Color Contrast Check

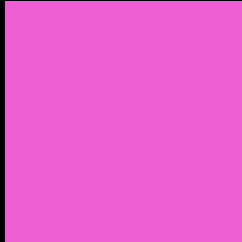
Large Text (above 18pt) WCAG AA × Fail

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 55.5807, 65.8007, -30.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

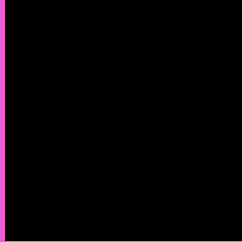
Any Text WCAG AA ✓ Pass

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 55.5807, 65.8007, -30.3405 Background



This preview shows how black text looks on a background with the HunterLab color 55.5807, 65.8007, -30.3405.



This preview shows how white text looks on a background with the HunterLab color 55.5807, 65.8007, -30.3405.

-30.3405.

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

55.5807, 65.8007, -30.3405

Protanopia

56.0928, 11.8911, -65.2280

Deuteranopia

55.8233, 4.2782, -24.8742



Tritanopia

55.4283, 38.6497, 13.7174

Trichromacy



Original Color

55.5807, 65.8007, -30.3405



Protanomaly

53.6680, 28.3339, -56.6498



Deuteranomaly

53.9509, 25.7705, -29.7780



Tritanomaly

55.1004, 47.7645, 0.4651

Monochromacy



Original Color

55.5807, 65.8007, -30.3405



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

54.0322, 20.9056, -9.7219

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5807, 65.8007, -30.3405 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(237, 95, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 95, 211)  
}
```

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(237, 95, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 95, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5807, 65.8007, -30.3405 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(237, 95, 211) }
```


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

```
.border{ border-color:rgb(237, 95, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 95, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 95, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 95, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 95,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5807, 65.8007, -30.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 95, 211) }
```

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

```
.background{ background-color: rgb(237, 95,  
211) }
```

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