

Converting Colors

HunterLab(81.7416, 126.1794,
18.0967)

Have a look what the booklet for
HunterLab(81.7416, 126.1794,
18.0967) contains.

HunterLab(55.3427, 74.6933, -15.5608)	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(55.3427, 74.6933,
-15.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	FF50BC
RGB	255, 80, 188
RGB Percent	100%, 31%, 74%
CMY	0.0000, 0.6862, 0.2627
CMYK	0.00, 0.69, 0.26, 0.00
HSL	323°, 100%, 66%
HSV	323°, 69%, 100%
XYZ	53.1857, 30.6281, 50.6856
YIQ	144.6370, 69.6320, 70.6880

Conversions

Conversions Part 2

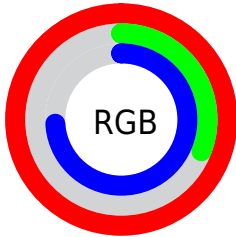
Format	Color
R _Y B	255, 80, 188
Decimal	16732348
CIE Lab	62.19, 74.98, -20.19
CIE LCh	62, 77.653, 344.933
Yxy	30.6297, 0.3954, 0.2277
Android (android.graphics.Color)	4294922428 (0xFFFF50BC)
YUV	144.6370, 21.3780, 96.7884
Hunter-Lab	55.3427, 74.6933, -15.5608

Details

The HunterLab color **55.3427, 74.6933, -15.5608** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **86.7945, -60.7090, 33.5605**, and the grayscale version is **52.9653, -2.8261, 2.8777**.

A 20% lighter version of the original color is **68.4408, 55.2161, -31.0050**, and **36.3574, 67.0743, -13.8021** is the 20% darker color. If you saturate the color by 10%, you get **52.1248, 82.2063, -14.4932**, and if you desaturate by 10%, it is **59.6102, 64.8974, -15.1295**.

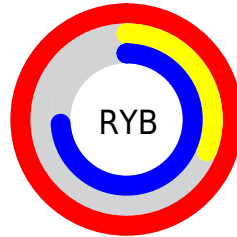
Distribution



Red (100%)

Green (31%)

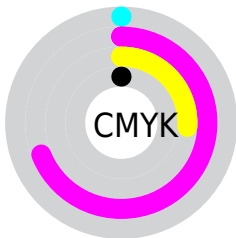
Blue (74%)



Red (100%)

Yellow (31%)

Blue (74%)

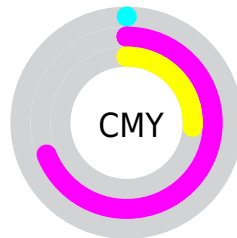


Cyan (0%)

Magenta (69%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3427, 74.6933, -15.5608 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 55.3427, 74.6933, -15.5608 by changing the saturation by 10% instead.

55.3427, 74.6933,
-15.5608

55.3427, 74.6933,
-15.5608

174.5934, 92.4208,
-15.7103

45.0744, 72.3163,
-15.2543

77.8823, 79.2443,
-15.9746

35.5327, 69.9377,
-14.8831

90.0775, 81.3939,
-16.0913

26.7793, 67.6655,
-14.4504

102.8501, 83.4517,
-16.1517

18.8930, 65.7677,
-13.9775

116.1752, 85.4182,
-16.1590

11.9824, 64.9854,
-13.5403

130.0306, 87.2952,
-16.1159

4.9281, 90.8032,
-18.9877

144.3969, 89.0858,

0.0000, INF, -NF

-16.0253

0.0000, NaN, NaN

159.2565, 90.7932,
-15.8893

0.0000, NaN, NaN

■ 55.3427, 74.6933,
-15.5608

■ 55.3427, 74.6933,
-15.5608

■ 52.1248, 82.2063,
-14.4932

■ 59.6102, 64.8974,
-15.1295

■ 49.9841, 86.7699,
-11.8989

■ 64.8276, 53.6446,
-13.4130

■ 48.8153, 88.3037,
-8.0537

■ 70.8755, 41.6259,
-10.6790

■ 48.6897, 88.4078,
-7.4929

■ 77.6332, 29.3278,
-7.1810

■ 84.9924, 17.0439,
-3.1237

92.8618, 4.9273,
1.3406

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



55.3441, 50.7450, -60.9379



55.3427, 74.6933, -15.5608



55.3441, 74.7481, 16.6771

Triad

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



55.3441, 74.6893, -15.5591



55.3441, -18.7067, 35.6250



55.3441, -41.8145, -60.7354

Complementary

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



55.3427, 74.6933, -15.5608



86.7945, -60.7090, 33.5605

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.



55.3441, -52.7403, -15.3746



55.3427, 74.6933, -15.5608



55.3441, -41.7392, 31.3193

Square

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



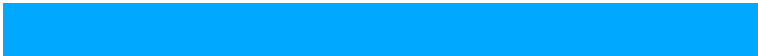
55.3441, 74.6893, -15.5591



55.3441, 14.9454, 35.6176



55.3441, -52.7165, 16.7782



55.3441, -18.8365, -95.9074

Rectangle

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



55.3427, 74.6933, -15.5608



55.3441, 60.9333, 27.9866



55.3441, -52.7165, 16.7782



55.3441, -46.7454, -45.2813

Sweetspot

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



55.3441, 74.6893, -15.5591



83.1941, 19.9520, -4.1297



43.4784, 57.1411, -101.2218



37.5401, 10.7987, -2.4370

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.3441, 74.6893, -15.5591



51.2825, 84.1003, -13.7824



52.9008, 64.5781, 19.2449



42.6328, 2.7694, 0.4321



35.2383, 64.0602, -6.0159



11.0923, 20.3369, -3.2281

Inverse Universe

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



55.3441, 74.6893, -15.5591



51.2825, 84.1003, -13.7824



88.9007, -47.9800, 3.1893



42.6328, 2.7694, 0.4321



35.2383, 64.0602, -6.0159



11.0923, 20.3369, -3.2281

Previews

White Background



This preview shows how the HunterLab color 55.3427, 74.6933, -15.5608 looks on a white background.

Color Contrast Check

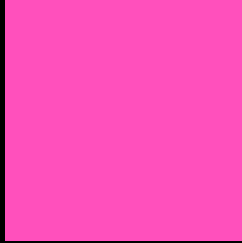
Large Text (above 18pt) WCAG AA × Fail

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 55.3427, 74.6933, -15.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

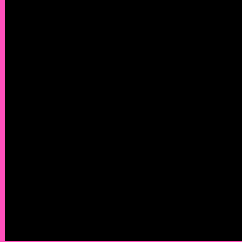
Any Text WCAG AA ✓ Pass

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 55.3427, 74.6933, -15.5608 Background



This preview shows how black text looks on a background with the HunterLab color 55.3427, 74.6933, -15.5608.



This preview shows how white text looks on a background with the HunterLab color 55.3427, 74.6933, -15.5608.

-15.5608.

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

55.3427, 74.6933, -15.5608

Protanopia

55.7368, 8.8655, -51.5457

Deuteranopia

55.4592, 4.0695, -10.7840



Tritanopia

55.2647, 52.4101, 19.7507

Trichromacy



Original Color

55.3427, 74.6933, -15.5608



Protanomaly

52.4869, 30.3663, -43.6127



Deuteranomaly

53.2561, 29.1825, -15.9431



Tritanomaly

55.0643, 60.2154, 9.5014

Monochromacy



Original Color

55.3427, 74.6933, -15.5608



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

51.5386, 25.0633, -6.5929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3427, 74.6933, -15.5608 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(255, 80, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 188)  
}
```

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(255, 80, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3427, 74.6933, -15.5608 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(255, 80, 188) }
```


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

```
.border{ border-color:rgb(255, 80, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3427, 74.6933, -15.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 188) }
```

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

```
.background{ background-color: rgb(255, 80,  
188) }
```

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