

Converting Colors

HunterLab(58.2366, 59.8952,
-15.5891)

Have a look what the booklet for
HunterLab(58.2366, 59.8952,
-15.5891) contains.

HunterLab(58.1962, 59.9955, -15.6896)	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(58.1962, 59.9955,
-15.6896)**

Conversions

Conversions Part 1

Format	Color
Hex	F56BC3
RGB	245, 107, 195
RGB Percent	96%, 42%, 76%
CMY	0.0392, 0.5804, 0.2353
CMYK	0.00, 0.56, 0.20, 0.04
HSL	322°, 87%, 69%
HSV	322°, 56%, 96%
XYZ	52.7642, 33.8680, 55.3860
YIQ	158.2940, 54.0000, 56.6240

Conversions

Conversions Part 2

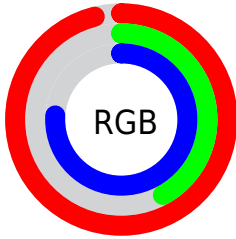
Format	Color
RYB	245, 107, 195
Decimal	16083907
CIELab	64.86, 62.40, -20.24
CIElCh	65, 65.606, 342.029
Yxy	33.8696, 0.3715, 0.2385
Android (android.graphics.Color)	4294273987 (0xFFFF56BC3)
YUV	158.2940, 18.0961, 76.0412
Hunter-Lab	58.1962, 59.9955, -15.6896

Details

The HunterLab color **58.1962, 59.9955, -15.6896** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **84.1819, -52.3172, 28.4881**, and the grayscale version is **58.5079, -3.1218, 3.1788**.

A 20% lighter version of the original color is **74.0535, 44.1643, -27.3305**, and **38.0475, 55.9327, -14.8446** is the 20% darker color. If you saturate the color by 10%, you get **53.9207, 69.7963, -16.7084**, and if you desaturate by 10%, it is **63.3526, 48.9603, -13.4968**.

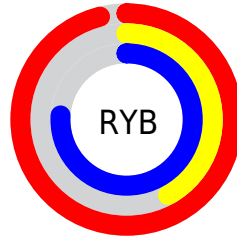
Distribution



Red (96%)

Green (42%)

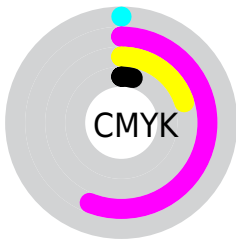
Blue (76%)



Red (96%)

Yellow (42%)

Blue (76%)

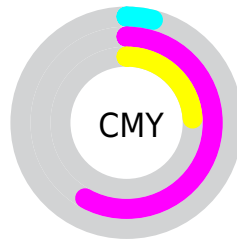


Cyan (0%)

Magenta (56%)

Yellow (20%)

Black (4%)



Cyan (4%)

Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1962, 59.9955, -15.6896 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 58.1962, 59.9955, -15.6896 by changing the saturation by 10% instead.

58.1962, 59.9955,
-15.6896

58.1962, 59.9955,
-15.6896

178.7597, 74.2666,
-15.7299

47.7425, 57.9349,
-15.3990

81.0746, 63.8141,
-16.0737

38.0014, 55.7975,
-15.0437

93.4263, 65.5751,
-16.1769

29.0312, 53.6228,
-14.6248

106.3485, 67.2397,
-16.2246

20.9047, 51.5224,
-14.1576

119.8169, 68.8121,
-16.2200

13.7210, 49.8082,
-13.6966

133.8104, 70.2966,
-16.1657

7.3343, 52.5579,
-14.4014

148.3098, 71.6977,

0.0000, INF, -NF

-16.0644

0.0000, NaN, NaN

163.2980, 73.0197,
-15.9185

0.0000, NaN, NaN

■ 58.1962, 59.9955,
-15.6896

■ 58.1962, 59.9955,
-15.6896

■ 53.9207, 69.7963,
-16.7084

■ 63.3526, 48.9603,
-13.4968

■ 50.6197, 77.6103,
-16.3200

■ 69.2702, 37.3193,
-10.4043

■ 48.3421, 82.7304,
-14.4203

■ 75.8384, 25.4881,
-6.6484

■ 47.0408, 84.8482,
-11.1528

■ 82.9582, 13.7124,
-2.4144

■ 46.7125, 85.1515,
-9.7750

■ 90.5469, 2.1168,
2.1634

98.5367, -9.2496,
6.9910

99.0720, -8.5791,
4.2791

Harmonies

Analogous

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



58.1976, 39.1240, -51.6076



58.1962, 59.9955, -15.6896



58.1976, 62.0806, 13.1734

Triad

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



58.1976, 59.9922, -15.6879



58.1976, -14.2790, 34.8307



58.1976, -39.0042, -44.7067

Complementary

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



58.1962, 59.9955, -15.6896



84.1819, -52.3172, 28.4881

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.



58.1976, -48.2181, -9.0060



58.1962, 59.9955, -15.6896



58.1976, -35.9317, 30.3993

Square

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



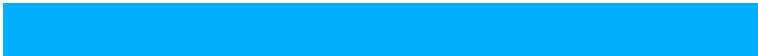
58.1976, 59.9922, -15.6879



58.1976, 15.1130, 34.4064



58.1976, -47.2161, 17.2716



58.1976, -19.3316, -73.2392

Rectangle

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



58.1962, 59.9955, -15.6896



58.1976, 52.1063, 24.8615



58.1976, -47.2161, 17.2716



58.1976, -43.2363, -32.5671

Sweetspot

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



58.1976, 59.9922, -15.6879



86.2679, 15.2229, -2.8556



49.1002, 42.4638, -73.3158



39.2014, 8.1861, -1.7465

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.1976, 59.9922, -15.6879



55.7205, 74.7104, -17.5269



56.1073, 50.6759, 13.9866



40.8172, 2.6685, 0.3175



34.3259, 62.6433, -7.7353



10.2725, 18.9167, -3.6317

Inverse Universe

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



58.1976, 59.9922, -15.6879



55.7205, 74.7104, -17.5269



85.9241, -41.9006, 3.4030



40.8172, 2.6685, 0.3175



34.3259, 62.6433, -7.7353



10.2725, 18.9167, -3.6317

Previews

White Background



This preview shows how the HunterLab color 58.1962, 59.9955, -15.6896 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 58.1962, 59.9955, -15.6896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

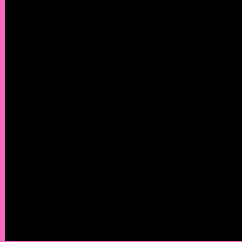
Any Text WCAG AA ✓ Pass

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 58.1962, 59.9955, -15.6896 Background



This preview shows how black text looks on a background with the HunterLab color 58.1962, 59.9955, -15.6896.



This preview shows how white text looks on a background with the HunterLab color 58.1962, 59.9955, -15.6896.

-15.6896.

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

58.1962, 59.9955, -15.6896

Protanopia

58.4797, 6.9893, -40.4916

Deuteranopia

58.2822, 4.0540, -11.8425



Tritanopia

58.2078, 40.9951, 15.0733

Trichromacy



Original Color

58.1962, 59.9955, -15.6896



Protanomaly

56.7782, 23.8724, -33.8597



Deuteranomaly

57.0580, 23.6422, -15.0480



Tritanomaly

58.1003, 47.2365, 5.4302

Monochromacy



Original Color

58.1962, 59.9955, -15.6896



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

56.8794, 19.1438, -4.7770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1962, 59.9955, -15.6896 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(245, 107, 195)` looks like.

```
.text, #text, p{  
    color:rgb(245, 107, 195)  
}
```

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(245, 107, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 107, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1962, 59.9955, -15.6896 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(245, 107, 195) }
```


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

```
.border{ border-color:rgb(245, 107, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 107, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 107, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 107, 195);  
box-shadow:4px 4px 4px 4px rgb(245, 107,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1962, 59.9955, -15.6896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 107, 195) }
```

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

```
.background{ background-color: rgb(245,  
107, 195) }
```

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