

Converting Colors

HunterLab(80.6255, -63.1520,
35.5522)

Have a look what the booklet for
HunterLab(80.6255, -63.1520,
35.5522) contains.

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Color

**HunterLab(80.5359,
-63.0484, 35.4404)**

Conversions

Conversions Part 1

Format	Color
Hex	00F278
RGB	0, 242, 120
RGB Percent	0%, 95%, 47%
CMY	1.0000, 0.0510, 0.5294
CMYK	1.00, 0.00, 0.50, 0.05
HSL	150°, 100%, 47%
HSV	150°, 100%, 95%
XYZ	35.1423, 64.8603, 28.4365
YIQ	155.7340, -105.0700, -89.2460

Conversions

Conversions Part 2

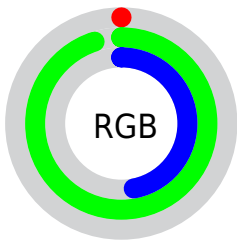
Format	Color
RYB	0, 162, 242
Decimal	62072
CIELab	84.41, -73.94, 45.28
CIELCh	84, 86.707, 148.516
Yxy	64.8629, 0.2736, 0.5050
Android (android.graphics.Color)	4278252152 (0xFF00F278)
YUV	155.7340, -17.6169, -136.5787
Hunter-Lab	80.5359, -63.0484, 35.4404

Details

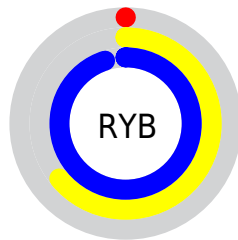
The HunterLab color **80.5359, -63.0484, 35.4404** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **45.0374, 80.2470, 4.9124**, and the grayscale version is **57.6530, -3.0762, 3.1324**.

A 20% lighter version of the original color is **88.3293, -53.3682, 26.6145**, and **58.9053, -47.9819, 29.9526** is the 20% darker color. If you saturate the color by 10%, you get **80.5374, -63.0500, 35.4421**, and if you desaturate by 10%, it is **80.8548, -61.3271, 32.6874**.

Distribution



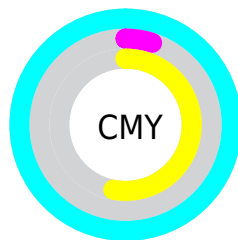
- Red (0%)
- Green (95%)
- Blue (47%)



- Red (0%)
- Yellow (64%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.5359, -63.0484, 35.4404 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 80.5359, -63.0484, 35.4404 by changing the saturation by 10% instead.


 80.5359, -63.0484,
35.4404

 80.5359, -63.0484,
35.4404


210.3091,
-99.2418, 60.2358


 68.8113, -58.3162,
32.3017


 105.7605,
-71.9304, 41.3970

 57.7169, -53.3334,
29.0247


 119.2050,
-76.1381, 44.2481


 47.2926, -48.0423,
25.5794


 133.1755,
-80.2200, 47.0319

 37.5845, -42.3627,
21.9271

 147.6527,
-84.1931, 49.7583

 28.6502, -36.1812,
18.0222

 162.6195,
-88.0713, 52.4355

 20.5634, -29.3562,
14.3944

178.0604,

 13.4247, -23.4931,

-91.8659, 55.0705

9.3973

193.9612,
-95.5866, 57.6689

■ 6.9897, -12.2319,
4.8928

0.0000, NaN, NaN

■ 80.5359, -63.0484,
35.4404

■ 80.5359, -63.0484,
35.4404

■ 80.5374, -63.0500,
35.4421

■ 80.8548, -61.3271,
32.6874

■ 81.3457, -58.8453,
29.7447

■ 82.0542, -55.4396,
26.6695

■ 83.0031, -51.0486,
23.5081

■ 84.2075, -45.6536,
20.3063

■ 85.6770, -39.2705,
17.1085

■ 87.4158, -31.9434,
13.9563

■ 89.4241, -23.7381,
10.8870

■ 91.6985, -14.7351,
7.9324

Harmonies

Analogous

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



80.5375, -39.8759, 47.2490



80.5359, -63.0484, 35.4404



80.5375, -71.0508, 6.3807

Triad

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



80.5375, -63.0493, 35.4409



80.5375, -6.4171, -119.3302



80.5375, 81.3022, 33.4716

Complementary

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



80.5359, -63.0484, 35.4404



45.0374, 80.2470, 4.9124

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.



80.5375, 95.3278, 2.3346



80.5359, -63.0484, 35.4404



80.5375, 38.7717, -98.8948

Square

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



80.5375, -63.0493, 35.4409



80.5375, -42.8585, -94.7374



80.5375, 78.3741, -48.0154



80.5375, 43.2296, 46.6000

Rectangle

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



80.5359, -63.0484, 35.4404



80.5375, -68.3147, -24.5790



80.5375, 78.3741, -48.0154



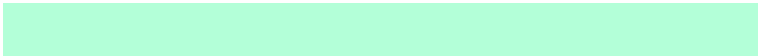
80.5375, 89.2955, 25.4554

Sweetspot

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



80.5375, -63.0493, 35.4409



92.7494, -33.9721, 14.8400



82.3831, -57.0324, 49.7654



42.5335, -17.2910, 7.5162

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5375, -63.0493, 35.4409



85.4621, -66.9436, 37.6917



83.4734, -45.1846, -6.7934



42.1748, -6.5417, 3.5739



59.0517, -46.0665, 25.6348



17.0910, -12.9225, 6.5337

Inverse Universe

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



45.0374, 80.2470, 4.9124



47.7842, 85.1242, 5.3554



43.4593, 74.4443, 27.9242



39.8645, 2.3510, 0.9697



33.0509, 58.9683, 3.0026



9.6376, 17.3887, -0.6252

Previews

White Background



This preview shows how the HunterLab color 80.5359, -63.0484, 35.4404 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 80.5359, -63.0484, 35.4404 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 80.5359, -63.0484, 35.4404 Background



This preview shows how black text looks on a background with the HunterLab color 80.5359, -63.0484, 35.4404.



This preview shows how white text looks on a background with the HunterLab color 80.5359, -63.0484, 35.4404.

-63.0484, 35.4404.

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

80.5359, -63.0484, 35.4404

Protanopia

79.7045, -9.1563, 38.1909

Deuteranopia

79.4865, 6.1147, 33.0694



Tritanopia

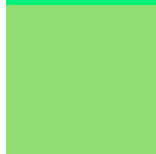
80.3302, -31.5935, -16.0018

Trichromacy



Original Color

80.5359, -63.0484, 35.4404



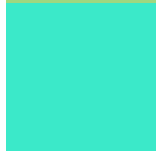
Protanomaly

76.8220, -39.8904, 34.5816



Deuteranomaly

75.8991, -32.5697, 30.5137



Tritanomaly

79.6396, -46.3867, 7.1228

Monochromacy



Original Color

80.5359, -63.0484, 35.4404



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

63.3849, -32.4273, 14.1820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5359, -63.0484, 35.4404 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(0, 242, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 120)  
}
```

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(0, 242, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5359, -63.0484, 35.4404 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(0, 242, 120) }
```


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

```
.border{ border-color:rgb(0, 242, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 242,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5359, -63.0484, 35.4404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 120) }
```

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

```
.background{ background-color: rgb(0, 242,  
120) }
```

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](#).

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