

Converting Colors

HunterLab(84.6420, -72.1664,
50.5702)

Have a look what the booklet for
HunterLab(84.6420, -72.1664,
50.5702) contains.

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Color

**HunterLab(84.6404,
-72.1739, 50.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	0DFF0F
RGB	13, 255, 15
RGB Percent	5%, 100%, 6%
CMY	0.9490, 0.0000, 0.9411
CMYK	0.95, 0.00, 0.94, 0.00
HSL	121°, 100%, 53%
HSV	121°, 95%, 100%
XYZ	36.0121, 71.6400, 12.3818
YIQ	155.2820, -67.1920, -125.9440

Conversions

Conversions Part 2

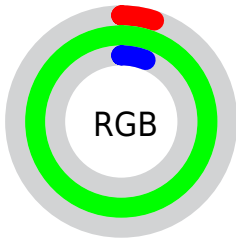
Format	Color
RYB	13, 253, 255
Decimal	917263
CIELab	87.80, -85.59, 82.06
CIELCh	88, 118.570, 136.206
Yxy	71.6401, 0.3000, 0.5968
Android (android.graphics.Color)	4279107343 (0xFF0DFF0F)
YUV	155.2820, -69.1590, -124.7813
Hunter-Lab	84.6404, -72.1739, 50.5749

Details

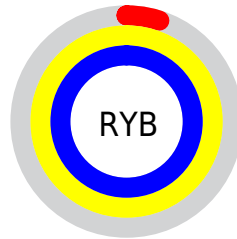
The HunterLab color **84.6404, -72.1739, 50.5749** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **53.5141, 103.5104, -68.1411**, and the grayscale version is **57.6598, -3.0766, 3.1328**.

A 20% lighter version of the original color is **87.4655, -59.3970, 45.3545**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5723, -72.5009, 50.8007**, and if you desaturate by 10%, it is **84.9099, -70.8809, 49.6587**.

Distribution



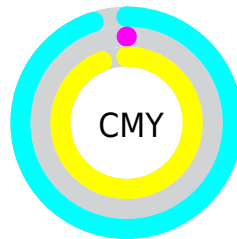
- Red (5%)
- Green (100%)
- Blue (6%)



- Red (5%)
- Yellow (99%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6404, -72.1739, 50.5749 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 84.6404, -72.1739, 50.5749 by changing the saturation by 10% instead.

■ 84.6404, -72.1739,
50.5749

■ 84.6404, -72.1739,
50.5749

215.9370,
-113.0004, 91.3018

■ 72.7082, -66.8116,
45.2859

■ 110.2473,
-82.2279, 60.5740

■ 61.3961, -61.1673,
39.7813

■ 123.8720,
-86.9853, 65.3241

■ 50.7404, -55.1793,
34.0521

■ 138.0159,
-91.5956, 69.9314

■ 40.7844, -48.7652,
28.5138

■ 152.6605,
-96.0776, 74.4112

■ 31.5811, -41.8125,
22.1068

■ 167.7893,
-100.4471, 78.7770

■ 23.1980, -34.1689,
16.2386

■ 183.3873,

■ 15.7251, -27.5189,

-104.7170, 83.0407

11.0076

199.4407,
-108.8983, 87.2126

■ 9.2896, -16.2568,
6.5027

0.0000, NaN, NaN

■ 84.6404, -72.1739,
50.5749

■ 84.6404, -72.1739,
50.5749

■ 84.5723, -72.5009,
50.8007

■ 84.9099, -70.8809,
49.6587

■ 85.4392, -68.3616,
47.9162

■ 86.2682, -64.4563,
45.2447

■ 87.4241, -59.0860,
41.5942

■ 88.9245, -52.2380,
36.9589

■ 90.7785, -43.9562,
31.3704

■ 92.9883, -34.3291,
24.8894

■ 95.5498, -23.4771,
17.5979

■ 98.4544, -11.5399,
9.5905

Harmonies

Analogous

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



84.6405, -34.0866, 56.6181



84.6404, -72.1739, 50.5749



84.6405, -89.3105, 26.6275

Triad

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



84.6405, -72.1736, 50.5742



84.6405, -30.0591, -183.2956



84.6405, 135.3835, 29.6595

Complementary

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



84.6404, -72.1739, 50.5749



53.5141, 103.5104, -68.1411

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.



84.6405, 137.3456, -25.5949



84.6404, -72.1739, 50.5749



84.6405, 29.7589, -180.1136

Square

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



84.6405, -72.1736, 50.5742



84.6405, -69.9293, -117.2621



84.6405, 94.6641, -110.2913



84.6405, 89.8728, 51.4879

Rectangle

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



84.6404, -72.1739, 50.5749



84.6405, -90.7456, -7.9949



84.6405, 94.6641, -110.2913



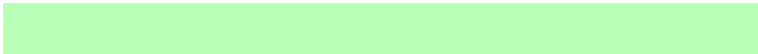
84.6405, 141.5138, 15.5274

Sweetspot

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



84.6405, -72.1736, 50.5742



92.2660, -37.4480, 26.9875



96.3375, -25.7856, 58.6770



42.2471, -19.2414, 13.7758

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.6405, -72.1736, 50.5742



84.5723, -72.5009, 50.8007



85.6310, -65.9961, 35.9940



44.9117, -7.9384, 6.1800



61.1345, -52.4023, 36.7087



19.0783, -16.3377, 11.4222

Inverse Universe

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



53.5141, 103.5104, -68.1411



53.2380, 104.4753, -68.7267



48.2380, 84.6437, 3.4845



42.7757, 3.5341, -1.5968



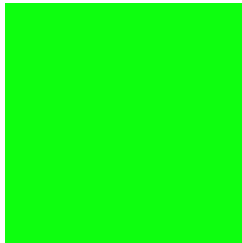
38.4850, 75.5261, -49.7000



12.0121, 23.5787, -15.5523

Previews

White Background



This preview shows how the HunterLab color 84.6404, -72.1739, 50.5749 looks on a white background.

Color Contrast Check

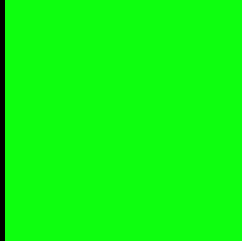
Large Text (above 18pt) WCAG AA × Fail

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 84.6404, -72.1739, 50.5749 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

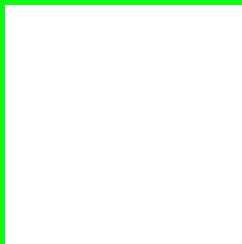
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 84.6404, -72.1739, 50.5749 Background



This preview shows how black text looks on a background with the HunterLab color 84.6404, -72.1739, 50.5749.



This preview shows how white text looks on a background with the HunterLab color 84.6404, -72.1739, 50.5749.

-72.1739, 50.5749.

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

84.6404, -72.1739, 50.5749

Protanopia

83.5079, -11.3093, 51.2592

Deuteranopia

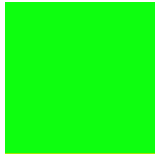
83.5654, 2.1996, 33.0935



Tritanopia

84.1358, -30.5833, -15.3609

Trichromacy



Original Color

84.6404, -72.1739, 50.5749



Protanomaly

80.4611, -44.7446, 48.6906



Deuteranomaly

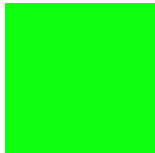
79.9989, -38.4373, 40.4204



Tritanomaly

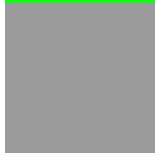
82.7684, -53.8806, 23.5210

Monochromacy



Original Color

84.6404, -72.1739, 50.5749



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

64.1441, -37.8874, 26.7564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.6404, -72.1739, 50.5749 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(13, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(13, 255, 15)  
}
```

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(13, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 255, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 84.6404, -72.1739, 50.5749 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(13, 255, 15) }
```


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

```
.border{ border-color:rgb(13, 255, 15) }
```

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

Here you see how a box with a 4 pixel rgb(13, 255, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(13, 255,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.6404, -72.1739, 50.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 255, 15) }
```

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

```
.background{ background-color: rgb(13, 255,  
15) }
```

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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