

Converting Colors

HunterLab(71.8013, -45.6178,
27.8878)

Have a look what the booklet for
HunterLab(71.8013, -45.6178,
27.8878) contains.

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Color

**HunterLab(71.7297,
-45.6738, 27.9108)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD57B
RGB	95, 213, 123
RGB Percent	37%, 84%, 48%
CMY	0.6274, 0.1647, 0.5176
CMYK	0.55, 0.00, 0.42, 0.16
HSL	134°, 58%, 60%
HSV	134°, 55%, 84%
XYZ	32.0888, 51.4515, 26.9788
YIQ	167.4580, -41.4380, -53.0060

Conversions

Conversions Part 2

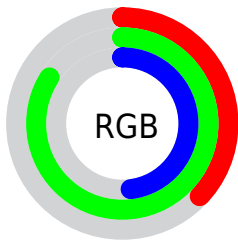
Format	Color
RYB	95, 190, 213
Decimal	6280571
CIELab	76.95, -52.50, 34.64
CIELCh	77, 62.899, 146.578
Yxy	51.4536, 0.2903, 0.4655
Android (android.graphics.Color)	4284470651 (0xFF5FD57B)
YUV	167.4580, -21.9178, -63.5457
Hunter-Lab	71.7297, -45.6738, 27.9108

Details

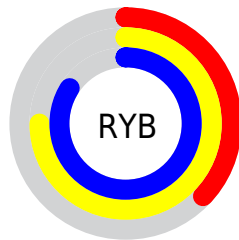
The HunterLab color **71.7297, -45.6738, 27.9108** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **50.8275, 52.5502, -21.3032**, and the grayscale version is **62.4533, -3.3324, 3.3932**.

A 20% lighter version of the original color is **90.2910, -45.4760, 27.8691**, and **49.7887, -38.2423, 22.5039** is the 20% darker color. If you saturate the color by 10%, you get **70.7750, -50.1172, 31.1373**, and if you desaturate by 10%, it is **72.9353, -40.2256, 24.3044**.

Distribution



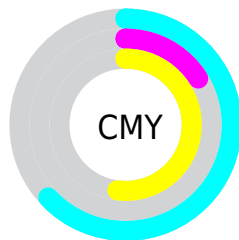
- Red (37%)
- Green (84%)
- Blue (48%)



- Red (37%)
- Yellow (75%)
- Blue (84%)



- Cyan (55%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.7297, -45.6738, 27.9108 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 71.7297, -45.6738, 27.9108 by changing the saturation by 10% instead.

■ 71.7297, -45.6738,
27.9108

■ 71.7297, -45.6738,
27.9108

198.0716,
-73.3241, 48.4550

■ 60.4729, -42.1110,
25.3441

■ 96.0859, -52.3841,
32.7946

■ 49.8744, -38.3624,
22.6644

■ 109.1243,
-55.5771, 35.1415

■ 39.9795, -34.3784,
19.8411

■ 122.7044,
-58.6851, 37.4402

■ 30.8424, -30.0859,
16.8320

■ 136.8053,
-61.7210, 39.6991

■ 22.5322, -25.3731,
13.5969

151.4084,
-64.6950, 41.9249

■ 15.1410, -20.5753,
10.5987

166.4970,

■ 8.7735, -15.3536,

-67.6157, 44.1232

6.1414

182.0560,
-70.4901, 46.2987

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.7297, -45.6738,
27.9108

■ 71.7297, -45.6738,
27.9108

■ 70.7750, -50.1172,
31.1373

■ 72.9353, -40.2256,
24.3044

■ 70.0558, -53.5492,
33.9475

■ 74.3930, -33.8057,
20.3601

■ 69.5567, -56.0069,
36.3178

■ 76.1053, -26.4772,
16.1276

■ 69.2527, -57.5738,
38.2361

■ 78.0695, -18.3205,
11.6587


■ 69.1560, -58.0881,


■ 80.2800, -9.4269,


38.9565

7.0046

 82.7285, 0.1079,
2.2137

 85.4053, 10.1893,
-2.6704

 87.1438, 17.0191,
-9.2135

 87.2184, 17.4089,
-10.2648

Harmonies

Analogous

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



71.7312, -27.7165, 37.5530



71.7297, -45.6738, 27.9108



71.7312, -52.5472, 7.0829

Triad

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



71.7312, -45.6748, 27.9113



71.7312, -7.2200, -74.6279



71.7312, 54.9608, 24.2663

Complementary

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



71.7297, -45.6738, 27.9108



50.8275, 52.5502, -21.3032

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.



71.7312, 62.8163, 0.5737



71.7297, -45.6738, 27.9108



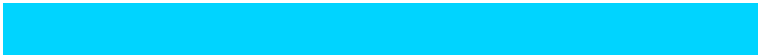
71.7312, 23.6565, -63.9736

Square

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



71.7312, -45.6748, 27.9113



71.7312, -32.7493, -58.1369



71.7312, 50.5486, -33.0858



71.7312, 30.5463, 36.1323

Rectangle

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



71.7297, -45.6738, 27.9108



71.7312, -50.9134, -13.4595



71.7312, 50.5486, -33.0858



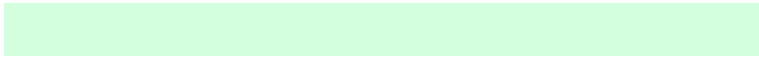
71.7312, 59.7816, 17.7843

Sweetspot

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



71.7312, -45.6748, 27.9113



95.2552, -24.3039, 15.2835



76.6744, -27.1327, 38.3993



43.8370, -12.2031, 7.5907

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.7312, -45.6748, 27.9113



86.6341, -62.0453, 38.6410



73.0628, -37.6840, 8.6512



37.3414, -6.1589, 4.1863



54.0612, -45.3213, 30.2639



13.3261, -10.8233, 6.7078

Inverse Universe

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



50.8275, 52.5502, -21.3032



57.3912, 76.5312, -29.7576



48.8364, 43.6707, 6.7004



35.4682, 2.4552, -0.2441



32.0330, 59.9146, -18.5036



7.9458, 14.9937, -5.6126

Previews

White Background



This preview shows how the HunterLab color 71.7297, -45.6738, 27.9108 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 71.7297, -45.6738, 27.9108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

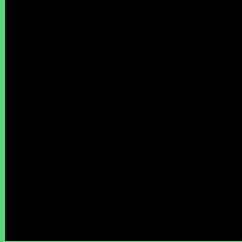
Any Text WCAG AA ✓ Pass

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 71.7297, -45.6738, 27.9108 Background



This preview shows how black text looks on a background with the HunterLab color 71.7297, -45.6738, 27.9108.



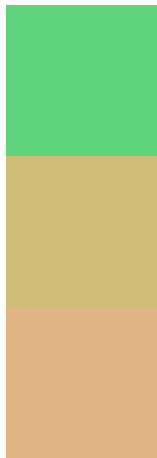
This preview shows how white text looks on a background with the HunterLab color 71.7297,

-45.6738, 27.9108.

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

71.7297, -45.6738, 27.9108

Protanopia

71.2263, -7.6404, 30.5038

Deuteranopia

70.9146, 5.4536, 25.8399



Tritanopia

71.5716, -22.0405, -11.2313

Trichromacy



Original Color

71.7297, -45.6738, 27.9108



Protanomaly

70.5546, -24.4712, 28.9044



Deuteranomaly

69.8017, -17.0348, 25.3666



Tritanomaly

71.3278, -32.1074, 6.1507

Monochromacy



Original Color

71.7297, -45.6738, 27.9108



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

64.9446, -20.9989, 12.9220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.7297, -45.6738, 27.9108 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(95, 213, 123)` looks like.

```
.text, #text, p{  
    color:rgb(95, 213, 123)  
}
```

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(95, 213, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 213, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 71.7297, -45.6738, 27.9108 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(95, 213, 123) }
```


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

```
.border{ border-color:rgb(95, 213, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 213, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 213, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 213, 123);  
box-shadow:4px 4px 4px 4px rgb(95, 213,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.7297, -45.6738, 27.9108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 213, 123) }
```

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

```
.background{ background-color: rgb(95, 213,  
123) }
```

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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