

Converting Colors

HunterLab(68.6801, -47.3618,
25.8005)

Have a look what the booklet for
HunterLab(68.6801, -47.3618,
25.8005) contains.

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Color

**HunterLab(68.6763,
-47.3794, 25.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	42CF79
RGB	66, 207, 121
RGB Percent	26%, 81%, 47%
CMY	0.7412, 0.1882, 0.5255
CMYK	0.68, 0.00, 0.42, 0.19
HSL	143°, 59%, 54%
HSV	143°, 68%, 81%
XYZ	28.0107, 47.1643, 25.7165
YIQ	155.0370, -56.4300, -56.6380

Conversions

Conversions Part 2

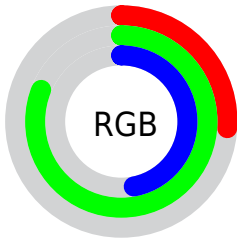
Format	Color
RYB	66, 167, 207
Decimal	4378489
CIELab	74.30, -56.47, 32.05
CIELCh	74, 64.930, 150.418
Yxy	47.1663, 0.2776, 0.4675
Android (android.graphics.Color)	4282568569 (0xFF42CF79)
YUV	155.0370, -16.7802, -78.0854
Hunter-Lab	68.6763, -47.3794, 25.8717

Details

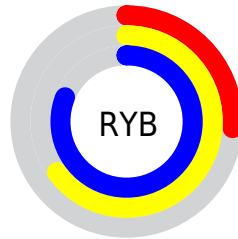
The HunterLab color **68.6763, -47.3794, 25.8717** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **44.0791, 57.9105, -11.7833**, and the grayscale version is **57.3507, -3.0601, 3.1160**.

A 20% lighter version of the original color is **89.0628, -50.4269, 27.3393**, and **47.5270, -37.3372, 21.1956** is the 20% darker color. If you saturate the color by 10%, you get **68.0315, -50.4798, 28.5808**, and if you desaturate by 10%, it is **69.5343, -43.4055, 22.9712**.

Distribution



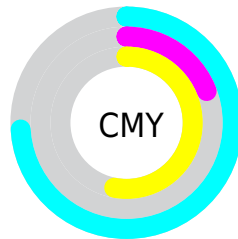
- Red (26%)
- Green (81%)
- Blue (47%)



- Red (26%)
- Yellow (65%)
- Blue (81%)



- Cyan (68%)
- Magenta (0%)
- Yellow (42%)
- Black (19%)



- Cyan (74%)
- Magenta (19%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.6763, -47.3794, 25.8717 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 68.6763, -47.3794, 25.8717 by changing the saturation by 10% instead.

■ 68.6763, -47.3794,
25.8717

■ 68.6763, -47.3794,
25.8717

193.7725,
-76.9303, 45.3914

■ 57.5909, -43.5212,
23.4415

■ 92.7156, -54.6080,
30.4983

■ 47.1747, -39.4452,
20.9037

■ 105.6063,
-58.0328, 32.7240

■ 37.4753, -35.0914,
18.2274

■ 119.0446,
-61.3583, 34.9058

■ 28.5505, -30.3718,
15.3687

■ 133.0090,
-64.5995, 37.0519

■ 20.4741, -25.1516,
12.3406

■ 147.4803,
-67.7683, 39.1687

■ 13.3472, -21.6751,
9.3431

162.4415,

■ 6.8963, -12.0686,

-70.8744, 41.2615

4.8274

177.8769,
-73.9262, 43.3345

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6763, -47.3794,
25.8717

■ 68.6763, -47.3794,
25.8717

■ 68.0315, -50.4798,
28.5808

■ 69.5343, -43.4055,
22.9712

■ 67.5788, -52.7448,
31.0620

■ 70.6126, -38.5502,
19.9156

■ 67.2897, -54.2811,
33.2803


■ 71.9191, -32.8376,
16.7454


■ 67.2441, -54.5280,
33.6611


■ 73.4562, -26.3142,
13.5005


■ 75.2226, -19.0436,

10.2190

 77.2146, -11.1004,
6.9360

 79.4258, -2.5648,
3.6821

 81.8484, 6.4821,
0.4832

 84.4730, 15.9625,
-2.6404

Harmonies

Analogous

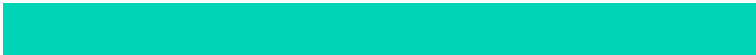
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6777, -30.7699, 36.4334



68.6763, -47.3794, 25.8717



68.6777, -52.7946, 3.3321

Triad

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



68.6777, -47.3802, 25.8722



68.6777, -3.2419, -78.0851



68.6777, 54.2017, 26.3116

Complementary

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



68.6763, -47.3794, 25.8717



44.0791, 57.9105, -11.7833

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.



68.6777, 64.9145, 4.1421



68.6763, -47.3794, 25.8717



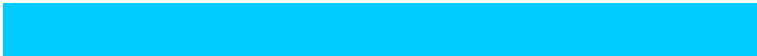
68.6777, 28.4215, -63.3675

Square

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



68.6777, -47.3802, 25.8722



68.6777, -30.1505, -64.1178



68.6777, 54.7593, -29.6724



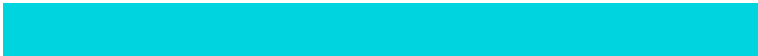
68.6777, 27.5560, 36.5987

Rectangle

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



68.6763, -47.3794, 25.8717



68.6777, -50.2202, -18.5673



68.6777, 54.7593, -29.6724



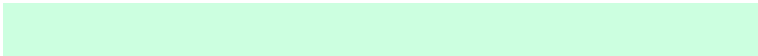
68.6777, 59.9729, 20.4121

Sweetspot

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



68.6777, -47.3802, 25.8722



94.7277, -26.1396, 13.8215



71.9642, -35.5886, 39.4742



43.5255, -13.3223, 6.9418

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6777, -47.3802, 25.8722



85.8155, -65.4292, 37.7516



70.3759, -37.1353, 1.4061



36.4439, -5.7631, 3.4867



53.3904, -43.1798, 26.4793



12.6856, -9.8322, 5.3691

Inverse Universe

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



44.0791, 57.9105, -11.7833



51.2252, 83.8833, -12.9829



42.1648, 49.9187, 15.5036



34.5364, 2.1372, 0.4145



30.5452, 55.4926, -4.9365



7.3281, 13.5006, -2.6368

Previews

White Background



This preview shows how the HunterLab color 68.6763, -47.3794, 25.8717 looks on a white background.

Color Contrast Check

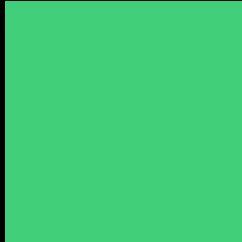
Large Text (above 18pt) WCAG AA × Fail

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 68.6763, -47.3794, 25.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

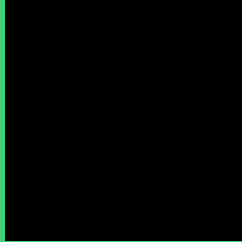
Any Text WCAG AA ✓ Pass

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 68.6763, -47.3794, 25.8717 Background



This preview shows how black text looks on a background with the HunterLab color 68.6763, -47.3794, 25.8717.



This preview shows how white text looks on a background with the HunterLab color 68.6763,

-47.3794, 25.8717.

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

68.6763, -47.3794, 25.8717

Protanopia

67.9715, -6.8633, 28.6454

Deuteranopia

67.7637, 5.0353, 23.6721



Tritanopia

68.3920, -24.2835, -12.2800

Trichromacy



Original Color

68.6763, -47.3794, 25.8717



Protanomaly

66.7448, -25.6461, 26.2708



Deuteranomaly

66.1675, -19.1809, 22.7493



Tritanomaly

68.2214, -34.0152, 4.3778

Monochromacy



Original Color

68.6763, -47.3794, 25.8717



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

60.3873, -22.1364, 11.3084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6763, -47.3794, 25.8717 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(66, 207, 121)` looks like.

```
.text, #text, p{  
    color:rgb(66, 207, 121)  
}
```

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(66, 207, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 207, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6763, -47.3794, 25.8717 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(66, 207, 121) }
```


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

```
.border{ border-color:rgb(66, 207, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 207, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 207, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 207, 121);  
box-shadow:4px 4px 4px 4px rgb(66, 207,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6763, -47.3794, 25.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 207, 121) }
```

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

```
.background{ background-color: rgb(66, 207,  
121) }
```

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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