

Converting Colors

HunterLab(64.6555, -39.6154,
30.2323)

Have a look what the booklet for
HunterLab(64.6555, -39.6154,
30.2323) contains.

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Color

**HunterLab(64.6693,
-39.6828, 30.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	68C15A
RGB	104, 193, 90
RGB Percent	41%, 76%, 35%
CMY	0.5922, 0.2431, 0.6470
CMYK	0.46, 0.00, 0.53, 0.24
HSL	112°, 45%, 55%
HSV	112°, 53%, 76%
XYZ	26.6244, 41.8212, 16.3420
YIQ	154.6470, -19.9810, -50.9010

Conversions

Conversions Part 2

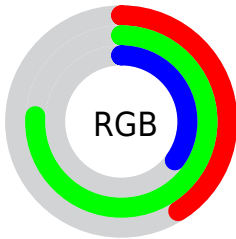
Format	Color
RYB	90, 193, 179
Decimal	6865242
CIELab	70.75, -46.76, 43.28
CIELCh	71, 63.714, 137.215
Yxy	41.8230, 0.3140, 0.4932
Android (android.graphics.Color)	4285055322 (0xFF68C15A)
YUV	154.6470, -31.8710, -44.4174
Hunter-Lab	64.6693, -39.6828, 30.2859

Details

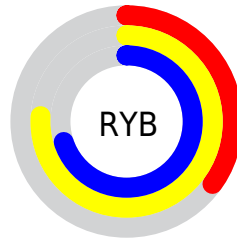
The HunterLab color $64.6693, -39.6828, 30.2859$ is a dark color, and the websafe version is hex $66CC66$. The color can be described as dark muted chartreuse. A complement of this color would be $45.5497, 45.1973, -36.8153$, and the grayscale version is $57.2408, -3.0542, 3.1100$.

A 20% lighter version of the original color is $88.2031, -45.9531, 36.3435$, and $43.7831, -33.0749, 23.8006$ is the 20% darker color. If you saturate the color by 10%, you get $63.7453, -43.9031, 33.0127$, and if you desaturate by 10%, it is $65.7982, -34.6091, 26.8244$.

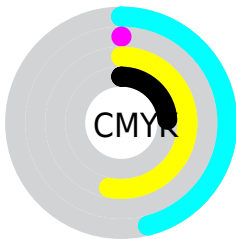
Distribution



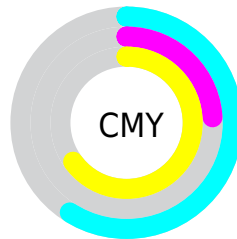
- Red (41%)
- Green (76%)
- Blue (35%)



- Red (35%)
- Yellow (76%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)



- Cyan (59%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6693, -39.6828, 30.2859 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 64.6693, -39.6828, 30.2859 by changing the saturation by 10% instead.

■ 64.6693, -39.6828,
30.2859

■ 64.6693, -39.6828,
30.2859

188.0820,
-65.2691, 54.9699

■ 53.8170, -36.3773,
27.0844

■ 88.2789, -45.8939,
36.2954

■ 43.6493, -32.8882,
23.7098

■ 100.9697,
-48.8460, 39.1479

■ 34.2174, -29.1616,
20.1210

■ 114.2163,
-51.7193, 41.9213

■ 25.5839, -25.1142,
16.3312

■ 127.9964,
-54.5265, 44.6283

■ 17.8310, -20.6131,
12.4817

142.2900,
-57.2775, 47.2790

■ 11.0730, -19.3778,
7.7511

157.0793,

■ 2.8790, -5.0382,

-59.9806, 49.8817

2.0153

172.3482,
-62.6426, 52.4434

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6693, -39.6828,
30.2859

■ 64.6693, -39.6828,
30.2859

■ 63.7453, -43.9031,
33.0127

■ 65.7982, -34.6091,
26.8244

■ 63.0162, -47.2533,
35.0123

■ 67.1301, -28.7148,
22.6410

■ 62.4739, -49.7496,
36.3214

■ 68.6659, -22.0551,
17.7683

■ 62.1039, -51.4400,
37.0104

■ 70.4022, -14.6964,
12.2519


■ 61.9389, -52.1888,


■ 72.3341, -6.7123,


37.2528

6.1460

 74.4547, 1.8209,
-0.4901

 76.7565, 10.8282,
-7.5963

 79.2307, 20.2386,
-15.1136

 81.5175, 28.2075,
-18.0864

Harmonies

Analogous

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



64.6707, -19.2303, 36.5596



64.6693, -39.6828, 30.2859



64.6707, -49.5654, 14.2495

Triad

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



64.6707, -39.6839, 30.2863



64.6707, -15.4042, -73.1203



64.6707, 59.3141, 17.4035

Complementary

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



64.6693, -39.6828, 30.2859



45.5497, 45.1973, -36.8153

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.



64.6707, 60.8354, -9.4353



64.6693, -39.6828, 30.2859



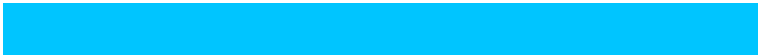
64.6707, 13.9962, -70.9950

Square

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



64.6707, -39.6839, 30.2863



64.6707, -37.3125, -49.1546



64.6707, 43.0709, -44.2193



64.6707, 39.2233, 31.7111

Rectangle

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



64.6693, -39.6828, 30.2859



64.6707, -50.2213, -3.5452



64.6707, 43.0709, -44.2193



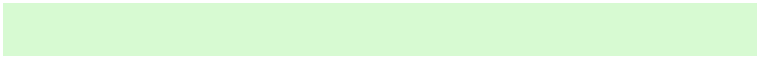
64.6707, 62.1259, 9.8687

Sweetspot

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



64.6707, -39.6839, 30.2863



93.5190, -22.5975, 18.6091



66.1360, -8.6675, 31.9287



43.0900, -11.4218, 9.3371



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



64.6707, -39.6839, 30.2863



85.1303, -59.5663, 44.6829



64.6708, -38.4934, 21.0631



33.6496, -5.4747, 4.6721



50.5334, -42.4746, 30.3949



10.6072, -8.3913, 6.3892

Inverse Universe

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



45.5497, 45.1973, -36.8153



55.4285, 73.4870, -61.2141



45.9168, 43.0009, -12.1152



31.8997, 2.1375, -1.2806



28.3447, 57.5757, -51.7181



6.0557, 12.1977, -10.2504

Previews

White Background



This preview shows how the HunterLab color 64.6693, -39.6828, 30.2859 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 64.6693, -39.6828, 30.2859 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 64.6693, -39.6828, 30.2859 Background



This preview shows how black text looks on a background with the HunterLab color 64.6693, -39.6828, 30.2859.



This preview shows how white text looks on a background with the HunterLab color 64.6693,

-39.6828, 30.2859.

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

64.6693, -39.6828, 30.2859

Protanopia

64.0911, -7.5817, 31.7894

Deuteranopia

64.1361, 4.8164, 28.9225



Tritanopia

64.6540, -16.1028, -8.3342

Trichromacy



Original Color

64.6693, -39.6828, 30.2859

Protanomaly

63.7851, -21.2362, 30.7486

Deuteranomaly

63.3594, -14.5563, 28.6558

Tritanomaly

64.2916, -26.4946, 9.7356

Monochromacy



Original Color

64.6693, -39.6828, 30.2859

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

59.3708, -18.3990, 14.8184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6693, -39.6828, 30.2859 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(104, 193, 90)` looks like.

```
.text, #text, p{  
    color:rgb(104, 193, 90)  
}
```

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(104, 193, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 193, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6693, -39.6828, 30.2859 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(104, 193, 90) }
```


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

```
.border{ border-color:rgb(104, 193, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 193, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 193, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 193, 90);  
box-shadow:4px 4px 4px 4px rgb(104, 193,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6693, -39.6828, 30.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 193, 90) }
```

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

```
.background{ background-color: rgb(104,  
193, 90) }
```

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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