

Converting Colors

HunterLab(62.3381, -47.5670,
28.9995)

Have a look what the booklet for
HunterLab(62.3381, -47.5670,
28.9995) contains.

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Color

**HunterLab(62.3368,
-47.5694, 29.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	29C057
RGB	41, 192, 87
RGB Percent	16%, 75%, 34%
CMY	0.8392, 0.2470, 0.6588
CMYK	0.79, 0.00, 0.55, 0.25
HSL	138°, 65%, 46%
HSV	138°, 79%, 75%
XYZ	21.4844, 38.8588, 15.3849
YIQ	134.8810, -56.2910, -64.6670

Conversions

Conversions Part 2

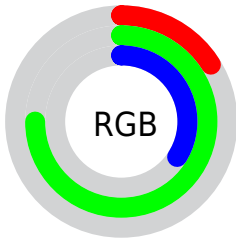
Format	Color
RYB	41, 157, 192
Decimal	2736215
CIELab	68.65, -60.29, 41.78
CIELCh	69, 73.348, 145.280
Yxy	38.8604, 0.2837, 0.5131
Android (android.graphics.Color)	4280926295 (0xFF29C057)
YUV	134.8810, -23.6053, -82.3336
Hunter-Lab	62.3368, -47.5694, 29.0028

Details

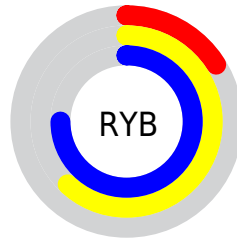
The HunterLab color **62.3368, -47.5694, 29.0028** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **38.5595, 60.8454, -16.9909**, and the grayscale version is **49.2827, -2.6296, 2.6776**.

A 20% lighter version of the original color is **85.8371, -55.5387, 35.0483**, and **42.4484, -35.3283, 23.2068** is the 20% darker color. If you saturate the color by 10%, you get **61.9345, -49.5874, 31.1525**, and if you desaturate by 10%, it is **62.9243, -44.7490, 26.5452**.

Distribution



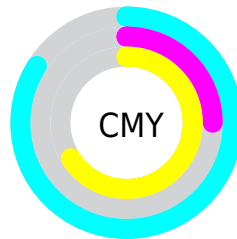
- Red (16%)
- Green (75%)
- Blue (34%)



- Red (16%)
- Yellow (62%)
- Blue (75%)



- Cyan (79%)
- Magenta (0%)
- Yellow (55%)
- Black (25%)



- Cyan (84%)
- Magenta (25%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.3368, -47.5694, 29.0028 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 62.3368, -47.5694, 29.0028 by changing the saturation by 10% instead.

■ 62.3368, -47.5694,
29.0028

■ 62.3368, -47.5694,
29.0028

184.7421,
-79.3014, 53.1264

■ 51.6247, -43.3411,
25.8688

■ 85.6884, -55.4241,
34.8785

■ 41.6069, -38.8409,
22.5607

■ 98.2594, -59.1202,
37.6657

■ 32.3369, -33.9897,
19.0356

■ 111.3913,
-62.6959, 40.3753

■ 23.8806, -28.6689,
15.3937

■ 125.0612,
-66.1697, 43.0199

■ 16.3255, -23.2049,
11.4279

■ 139.2485,
-69.5562, 45.6096

■ 9.7958, -17.1426,
6.8570

153.9352,

0.0000, NaN, NaN

-72.8673, 48.1529

0.0000, NaN, NaN

169.1047,
-76.1130, 50.6566

0.0000, NaN, NaN

■ 62.3368, -47.5694,
29.0028

■ 62.3368, -47.5694,
29.0028

■ 61.9345, -49.5874,
31.1525

■ 62.9243, -44.7490,
26.5452

■ 61.6822, -50.9159,
32.9676

■ 63.7091, -41.0848,
23.8044

■ 61.6533, -51.0697,
33.1836

■ 64.7031, -36.5723,
20.8129

■ 65.9121, -31.2345,
17.6077

■ 67.3383, -25.1167,
14.2286

■ 68.9805, -18.2811,
10.7163

■ 70.8348, -10.8005,
7.1100

■ 72.8951, -2.7532,
3.4461

■ 75.1536, 5.7824,
-0.2433

Harmonies

Analogous

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



62.3381, -28.2963, 37.1018



62.3368, -47.5694, 29.0028



62.3381, -55.0112, 8.1821

Triad

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



62.3381, -47.5702, 29.0032



62.3381, -8.4914, -92.4186



62.3381, 65.4635, 24.1410

Complementary

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



62.3368, -47.5694, 29.0028



38.5595, 60.8454, -16.9909

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.



62.3381, 73.8224, -1.8085



62.3368, -47.5694, 29.0028



62.3381, 26.3138, -80.1792

Square

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



62.3381, -47.5702, 29.0032



62.3381, -35.6571, -69.9157



62.3381, 58.2360, -42.0006



62.3381, 37.3169, 35.5003

Rectangle

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



62.3368, -47.5694, 29.0028



62.3381, -53.6972, -14.8083



62.3381, 58.2360, -42.0006



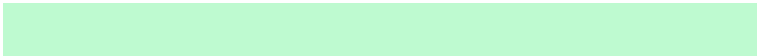
62.3381, 70.9009, 17.3591

Sweetspot

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



62.3381, -47.5702, 29.0032



91.5479, -30.0013, 17.1571



66.3600, -32.1250, 38.4538



42.0472, -15.3886, 8.7273



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.



62.3381, -47.5702, 29.0032



83.1213, -68.0384, 43.6640



63.8544, -38.3122, 7.0222



33.6277, -5.4066, 3.5083



50.5854, -41.8156, 27.0405



10.5744, -8.3204, 4.7443

Inverse Universe

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



38.5595, 60.8454, -16.9909



48.8621, 88.4878, -19.6678



36.4012, 52.3971, 13.5823



31.9274, 2.0613, 0.0669



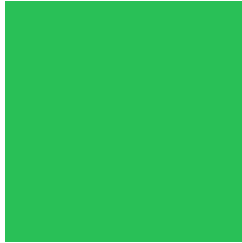
29.5028, 54.4677, -11.5035



6.2280, 11.6622, -3.7008

Previews

White Background



This preview shows how the HunterLab color 62.3368, -47.5694, 29.0028 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 62.3368, -47.5694, 29.0028 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 62.3368, -47.5694, 29.0028 Background



This preview shows how black text looks on a background with the HunterLab color 62.3368, -47.5694, 29.0028.



This preview shows how white text looks on a background with the HunterLab color 62.3368,

-47.5694, 29.0028.

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

62.3368, -47.5694, 29.0028

Protanopia

61.6663, -7.1410, 30.7614

Deuteranopia

61.5263, 4.5919, 27.3285



Tritanopia

62.3112, -23.2727, -11.1380

Trichromacy



Original Color

62.3368, -47.5694, 29.0028



Protanomaly

60.1454, -26.9972, 28.7196



Deuteranomaly

59.4806, -21.0293, 25.9608



Tritanomaly

61.9089, -34.1438, 7.4283

Monochromacy



Original Color

62.3368, -47.5694, 29.0028



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

52.7747, -22.9328, 12.8625

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.3368, -47.5694, 29.0028 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(41, 192, 87)` looks like.

```
.text, #text, p{  
    color:rgb(41, 192, 87)  
}
```

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(41, 192, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 192, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 62.3368, -47.5694, 29.0028 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(41, 192, 87) }
```


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

```
.border{ border-color:rgb(41, 192, 87) }
```

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

Here you see how a box with a 4 pixel rgb(41, 192, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 192, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 192, 87);  
box-shadow:4px 4px 4px 4px rgb(41, 192,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.3368, -47.5694, 29.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 192, 87) }
```

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

```
.background{ background-color: rgb(41, 192,  
87) }
```

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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