

Converting Colors

HunterLab(53.3367, -40.2262,
30.1301)

Have a look what the booklet for
HunterLab(53.3367, -40.2262,
30.1301) contains.

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Color

**HunterLab(53.2663,
-40.1029, 30.0793)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA626
RGB	60, 166, 38
RGB Percent	24%, 65%, 15%
CMY	0.7647, 0.3490, 0.8510
CMYK	0.64, 0.00, 0.77, 0.35
HSL	110°, 63%, 40%
HSV	110°, 77%, 65%
XYZ	15.8495, 28.3730, 6.4749
YIQ	119.7140, -22.0880, -62.2800

Conversions

Conversions Part 2

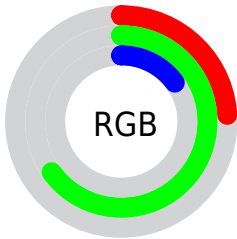
Format	Color
R_{YB}	38, 166, 144
Decimal	3974694
CIE _{Lab}	60.23, -53.34, 53.36
CIE _{LCh}	60, 75.448, 134.994
Yxy	28.3742, 0.3126, 0.5596
Android (android.graphics.Color)	4282164774 (0xFF3CA626)
YUV	119.7140, -40.2850, -52.3692
Hunter-Lab	53.2663, -40.1029, 30.0793

Details

The HunterLab color **53.2663, -40.1029, 30.0793** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **31.7330, 51.7904, -46.9475**, and the grayscale version is **43.3858, -2.3150, 2.3572**.

A 20% lighter version of the original color is **75.5155, -47.4287, 37.5712**, and **34.3661, -29.4689, 20.6603** is the 20% darker color. If you saturate the color by 10%, you get **52.8355, -42.0765, 31.0020**, and if you desaturate by 10%, it is **53.8437, -37.4659, 28.5967**.

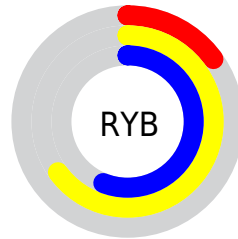
Distribution



Red (24%)

Green (65%)

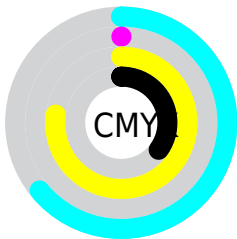
Blue (15%)



Red (15%)

Yellow (65%)

Blue (56%)

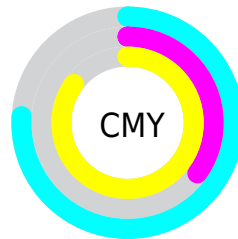


Cyan (64%)

Magenta (0%)

Yellow (77%)

Black (35%)



Cyan (76%)


Magenta (35%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.2663, -40.1029, 30.0793 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 53.2663, -40.1029, 30.0793 by changing the saturation by 10% instead.


 53.2663, -40.1029,
30.0793


 53.2663, -40.1029,
30.0793


171.5373,
-69.4459, 60.3864

 43.1369, -36.1440,
25.9860


 75.5522, -47.4047,
37.6586


 33.7451, -31.8969,
21.6417


 87.6304, -50.8254,
41.2072


 25.1555, -27.2641,
17.6088


 100.2915,
-54.1292, 44.6282

 17.4514, -22.0920,
12.2160

 113.5096,
-57.3353, 47.9411

 10.7496, -18.8119,
7.5247

 127.2623,
-60.4590, 51.1615

 1.5793, -2.7637,
1.1055

 141.5294,

0.0000, NaN, NaN

-63.5124, 54.3023

0.0000, NaN, NaN

156.2932,
-66.5053, 57.3743

0.0000, NaN, NaN

■ 53.2663, -40.1029,
30.0793

■ 53.2663, -40.1029,
30.0793

■ 52.8355, -42.0765,
31.0020

■ 53.8437, -37.4659,
28.5967

■ 52.5350, -43.4352,
31.4557

■ 54.5722, -34.1472,
26.5151

■ 52.4670, -43.7446,
31.5641

■ 55.4578, -30.1535,
23.8195

■ 56.5027, -25.5080,
20.5136

■ 57.7069, -20.2480,
16.6167

■ 59.0687, -14.4210,
12.1600

■ 60.5845, -8.0808,
7.1832

■ 62.2499, -1.2844,
1.7311

■ 64.0593, 5.9111,
-4.1491

Harmonies

Analogous

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



53.2674, -18.0144, 34.2476



53.2663, -40.1029, 30.0793



53.2674, -50.6283, 16.0676

Triad

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



53.2674, -40.1037, 30.0795



53.2674, -18.0257, -91.8898



53.2674, 71.6199, 16.0588

Complementary

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



53.2663, -40.1029, 30.0793



31.7330, 51.7904, -46.9475

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.



53.2674, 71.6148, -14.8274



53.2663, -40.1029, 30.0793



53.2674, 14.2381, -91.8977

Square

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



53.2674, -40.1037, 30.0795



53.2674, -40.1103, -58.2705



53.2674, 48.7074, -58.2881



53.2674, 48.7200, 30.0764

Rectangle

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



53.2663, -40.1029, 30.0793



53.2674, -51.7608, -2.5180



53.2674, 48.7074, -58.2881



53.2674, 74.4475, 7.8017

Sweetspot

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



53.2674, -40.1037, 30.0795



78.3906, -24.4747, 20.2618



52.6815, -4.6748, 30.3160



36.7905, -12.8386, 10.5404



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.2674, -40.1037, 30.0795



70.8556, -58.1402, 42.2595



53.1446, -39.8313, 23.8957



29.0988, -4.5939, 4.0167



46.2174, -38.4526, 27.8057



7.3292, -5.4915, 4.4201

Inverse Universe

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



31.7330, 51.7904, -46.9475



39.1177, 77.4867, -73.7791



33.1460, 50.5161, -13.6791



27.5689, 1.6972, -1.0870



25.1158, 51.5117, -49.6628



4.1249, 8.3232, -7.0961

Previews

White Background



This preview shows how the HunterLab color 53.2663, -40.1029, 30.0793 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53.2663, -40.1029, 30.0793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

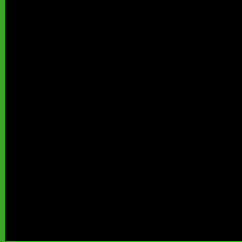
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.2663, -40.1029, 30.0793 Background



This preview shows how black text looks on a background with the HunterLab color 53.2663, -40.1029, 30.0793.



This preview shows how white text looks on a background with the HunterLab color 53.2663,

-40.1029, 30.0793.

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

53.2663, -40.1029, 30.0793

Protanopia

52.6666, -6.9336, 30.7117

Deuteranopia

52.7576, 3.6463, 29.0531



Tritanopia

53.2047, -16.8804, -8.2517

Trichromacy



Original Color

53.2663, -40.1029, 30.0793

Protanomaly

51.9016, -22.0815, 29.7785

Deuteranomaly

51.5861, -16.7929, 28.5224

Tritanomaly

52.6992, -28.1042, 11.9894

Monochromacy



Original Color

53.2663, -40.1029, 30.0793

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

46.0719, -19.3016, 15.6033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.2663, -40.1029, 30.0793 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(60, 166, 38)` looks like.

```
.text, #text, p{  
    color:rgb(60, 166, 38)  
}
```

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(60, 166, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 166, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 53.2663, -40.1029, 30.0793 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(60, 166, 38) }
```


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

```
.border{ border-color:rgb(60, 166, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 166, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 166, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 166, 38);  
box-shadow:4px 4px 4px 4px rgb(60, 166,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.2663, -40.1029, 30.0793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 166, 38) }
```

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

```
.background{ background-color: rgb(60, 166,  
38) }
```

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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