

Converting Colors

HunterLab(75.3600, -53.9177,
40.2554)

Have a look what the booklet for
HunterLab(75.3600, -53.9177,
40.2554) contains.

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Color

**HunterLab(75.3600,
-53.9177, 40.2554)**

Conversions

Conversions Part 1

Format	Color
Hex	5FE14B
RGB	95, 225, 75
RGB Percent	37%, 88%, 29%
CMY	0.6275, 0.1176, 0.7059
CMYK	0.58, 0.00, 0.67, 0.12
HSL	112°, 71%, 59%
HSV	112°, 67%, 88%
XYZ	32.9145, 56.7913, 15.8837
YIQ	169.0300, -29.3300, -74.2100

Conversions

Conversions Part 2

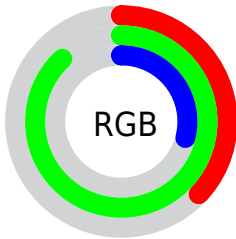
Format	Color
RYB	75, 225, 205
Decimal	6283595
CIELab	80.06, -62.94, 60.34
CIELCh	80, 87.194, 136.210
Yxy	56.7937, 0.3117, 0.5378
Android (android.graphics.Color)	4284473675 (0xFF5FE14B)
YUV	169.0300, -46.3568, -64.9243
Hunter-Lab	75.3600, -53.9177, 40.2554

Details

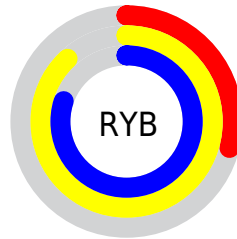
The HunterLab color **75.3600, -53.9177, 40.2554** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **48.4250, 67.4450, -56.2006**, and the grayscale version is **63.1963, -3.3720, 3.4336**.

A 20% lighter version of the original color is **89.6102, -49.8616, 40.3711**, and **52.9425, -45.2617, 31.6698** is the 20% darker color. If you saturate the color by 10%, you get **74.5797, -57.5190, 42.3183**, and if you desaturate by 10%, it is **76.3782, -49.2651, 37.3262**.

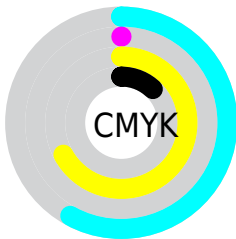
Distribution



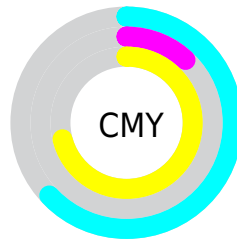
- Red (37%)
- Green (88%)
- Blue (29%)



- Red (29%)
- Yellow (88%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)
- Black (12%)





- Cyan (63%)
- Magenta (12%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.3600, -53.9177, 40.2554 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 75.3600, -53.9177, 40.2554 by changing the saturation by 10% instead.


 75.3600, -53.9177,
40.2554


 75.3600, -53.9177,
40.2554


203.1442,
-85.7967, 72.0128


 63.9059, -49.7685,
36.1158


 100.0820,
-61.7111, 48.0419


 53.0978, -45.3971,
31.7741


 113.2913,
-65.4076, 51.7337

 42.9788, -40.7487,
27.2000


 127.0355,
-68.9979, 55.3156

 33.5995, -35.7436,
22.4420

 141.2945,
-72.4969, 58.8022

 25.0234, -30.2656,
17.5164

 156.0503,
-75.9170, 62.2057

 17.3346, -24.4190,
12.1342

171.2868,

 10.6503, -18.6379,

-79.2682, 65.5364

7.4552

186.9893,
-82.5590, 68.8029

■ 0.8379, -1.4663,
0.5865

0.0000, NaN, NaN

■ 75.3600, -53.9177,
40.2554

■ 75.3600, -53.9177,
40.2554

■ 74.5797, -57.5190,
42.3183

■ 76.3782, -49.2651,
37.3262

■ 74.0184, -60.0995,
43.5735


■ 77.6386, -43.5608,
33.5066


■ 73.6568, -61.7409,
44.1326


■ 79.1469, -36.8404,
28.8047

■ 73.5722, -62.1243,
44.2472


■ 80.9038, -29.1628,
23.2523

 82.9065, -20.6051,
16.9004

 85.1494, -11.2555,
9.8125

 87.6250, -1.2071,
2.0597

 90.3236, 9.4450,
-6.2798

 90.7374, 10.8158,
-5.7177

Harmonies

Analogous

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



75.3616, -25.2738, 46.8710



75.3600, -53.9177, 40.2554



75.3616, -67.5207, 20.2154

Triad

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



75.3616, -53.9189, 40.2558



75.3616, -22.3285, -115.1750



75.3616, 90.2777, 22.5538

Complementary

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



75.3600, -53.9177, 40.2554



48.4250, 67.4450, -56.2006

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.



75.3616, 91.5560, -16.6079



75.3600, -53.9177, 40.2554



75.3616, 19.8745, -113.2644

Square

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



75.3616, -53.9189, 40.2558



75.3616, -52.1718, -75.1146



75.3616, 63.5959, -70.7948



75.3616, 60.4127, 41.1601

Rectangle

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



75.3600, -53.9177, 40.2554



75.3616, -68.6871, -4.6915



75.3616, 63.5959, -70.7948



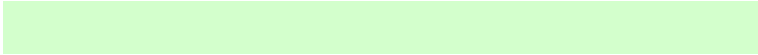
75.3616, 94.2572, 11.9492

Sweetspot

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



75.3616, -53.9189, 40.2558



94.7094, -27.2805, 22.1194



77.5764, -11.1500, 42.5188



43.5143, -13.9145, 11.1936

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.3616, -53.9189, 40.2558



85.6662, -67.5789, 49.4363



75.4723, -51.9987, 29.0031



39.2739, -6.4727, 5.5081



55.8736, -47.0489, 33.6054



14.8073, -11.9740, 8.9146

Inverse Universe

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



48.4250, 67.4450, -56.2006



51.0392, 89.6297, -76.8824



48.9321, 63.2955, -14.8233



37.1997, 2.5869, -1.5578



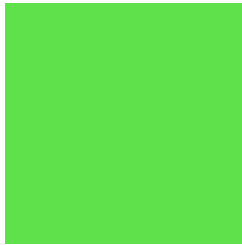
31.3942, 63.7415, -57.0617



8.4214, 17.0002, -14.5448

Previews

White Background



This preview shows how the HunterLab color 75.3600, -53.9177, 40.2554 looks on a white background.

Color Contrast Check

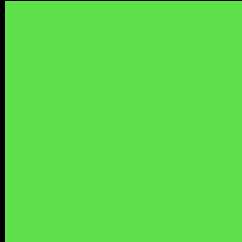
Large Text (above 18pt) WCAG AA × Fail

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 75.3600, -53.9177, 40.2554 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 75.3600, -53.9177, 40.2554 Background



This preview shows how black text looks on a background with the HunterLab color 75.3600, -53.9177, 40.2554.



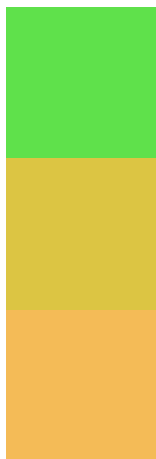
This preview shows how white text looks on a background with the HunterLab color 75.3600,

-53.9177, 40.2554.

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

75.3600, -53.9177, 40.2554

Protanopia

74.5342, -9.5066, 41.5370

Deuteranopia

74.4727, 5.8111, 38.8129



Tritanopia

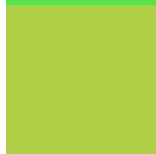
74.9856, -22.1671, -11.6438

Trichromacy



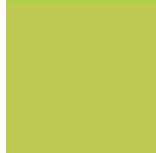
Original Color

75.3600, -53.9177, 40.2554



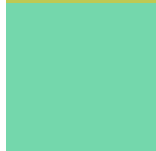
Protanomaly

73.6083, -29.1531, 40.1795



Deuteranomaly

73.0376, -21.0566, 37.9936



Tritanomaly

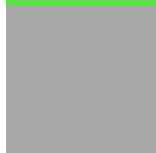
74.3589, -36.6295, 14.0580

Monochromacy



Original Color

75.3600, -53.9177, 40.2554



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

66.2535, -25.0788, 19.8735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3600, -53.9177, 40.2554 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, 225, 75)` looks like.

```
.text, #text, p{  
    color:rgb(95, 225, 75)  
}
```

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, 225, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 225, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3600, -53.9177, 40.2554 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, 225, 75) }
```


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

```
.border{ border-color:rgb(95, 225, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 225, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 225, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 225, 75);  
box-shadow:4px 4px 4px 4px rgb(95, 225,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.3600, -53.9177, 40.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 225, 75) }
```

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

```
.background{ background-color: rgb(95, 225,  
75) }
```

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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