

Converting Colors

HunterLab(73.0641, -53.4485,
42.6469)

Have a look what the booklet for
HunterLab(73.0641, -53.4485,
42.6469) contains.

HunterLab(72.9586, -53.3383, 42.6006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.9586,
-53.3383, 42.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	5FDB25
RGB	95, 219, 37
RGB Percent	37%, 86%, 15%
CMY	0.6275, 0.1412, 0.8549
CMYK	0.57, 0.00, 0.83, 0.14
HSL	101°, 72%, 50%
HSV	101°, 83%, 86%
XYZ	30.3848, 53.2296, 10.4232
YIQ	161.1760, -15.4820, -82.8900

Conversions

Conversions Part 2

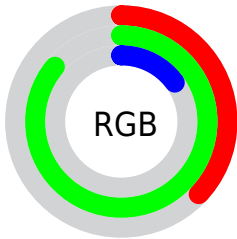
Format	Color
RYB	37, 219, 161
Decimal	6282021
CIELab	78.01, -63.34, 70.60
CIELCh	78, 94.843, 131.898
Yxy	53.2318, 0.3231, 0.5660
Android (android.graphics.Color)	4284472101 (0xFF5FDB25)
YUV	161.1760, -61.2188, -58.0364
Hunter-Lab	72.9586, -53.3383, 42.6006

Details

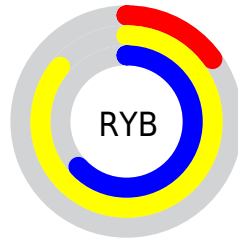
The HunterLab color **72.9586, -53.3383, 42.6006** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **37.4393, 68.6899, -81.8636**, and the grayscale version is **60.0201, -3.2025, 3.2610**.

A 20% lighter version of the original color is **89.2234, -52.1803, 46.0538**, and **51.1805, -43.8872, 30.7688** is the 20% darker color. If you saturate the color by 10%, you get **72.3940, -55.8397, 43.2578**, and if you desaturate by 10%, it is **73.6818, -50.1114, 41.2054**.

Distribution



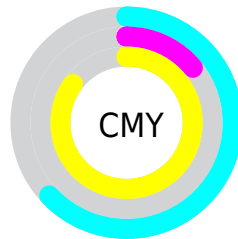
- Red (37%)
- Green (86%)
- Blue (15%)



- Red (15%)
- Yellow (86%)
- Blue (63%)



- Cyan (57%)
- Magenta (0%)
- Yellow (83%)
- Black (14%)



- Cyan (63%)
- Magenta (14%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9586, -53.3383, 42.6006 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 72.9586, -53.3383, 42.6006 by changing the saturation by 10% instead.

■ 72.9586, -53.3383,
42.6006

■ 72.9586, -53.3383,
42.6006

199.7934,
-85.5628, 79.2375

■ 61.6343, -49.1230,
37.7840

■ 97.4399, -61.2388,
51.6508

■ 50.9640, -44.6735,
32.7407

■ 110.5368,
-64.9797, 55.9301

■ 40.9923, -39.9305,
27.4626

■ 124.1729,
-68.6099, 60.0725

■ 31.7720, -34.8078,
22.2404

■ 138.3278,
-72.1451, 64.0946

■ 23.3703, -29.1781,
16.3592

■ 152.9831,
-75.5982, 68.0107

■ 15.8765, -23.8590,
11.1136

■ 168.1222,

■ 9.4177, -16.4810,

-78.9798, 71.8331

6.5924

183.7302,
-82.2989, 75.5723

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9586, -53.3383,
42.6006

■ 72.9586, -53.3383,
42.6006

■ 72.3940, -55.8397,
43.2578

■ 73.6818, -50.1114,
41.2054

■ 72.0828, -57.1973,
43.4158


■ 74.5686, -46.1256,
38.9813


■ 75.6267, -41.3763,
35.8759


■ 76.8595, -35.8770,
31.8656


■ 78.2683, -29.6565,

26.9506

 79.8525, -22.7555,
21.1502

 81.6096, -15.2231,
14.4984

 83.5359, -7.1138,
7.0409

 85.6269, 1.5156,
-1.1695

Harmonies

Analogous

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



72.9601, -20.9650, 47.3937



72.9586, -53.3383, 42.6006



72.9601, -69.4940, 25.2736

Triad

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



72.9601, -53.3396, 42.6009



72.9601, -28.9862, -126.4263



72.9601, 102.1155, 19.0435

Complementary

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



72.9586, -53.3383, 42.6006



37.4393, 68.6899, -81.8636

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.



72.9601, 98.4574, -26.6719



72.9586, -53.3383, 42.6006



72.9601, 14.9005, -132.0945

Square

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



72.9601, -53.3396, 42.6009



72.9601, -57.9748, -75.6272



72.9601, 63.6897, -88.2648



72.9601, 72.7221, 40.4205

Rectangle

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



72.9586, -53.3383, 42.6006



72.9601, -72.0283, 1.1800



72.9601, 63.6897, -88.2648



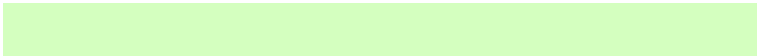
72.9601, 104.8749, 6.6567

Sweetspot

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



72.9601, -53.3396, 42.6009



94.4589, -28.8336, 26.6712



63.0588, 8.0654, 37.3513



43.3886, -14.6985, 13.4883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.9601, -53.3396, 42.6009



85.6040, -68.1201, 51.5562



71.7413, -58.0714, 38.7568



38.4793, -5.7574, 5.5429



55.5519, -43.8452, 33.4632



14.2990, -10.4921, 8.6273

Inverse Universe

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



37.4393, 68.6899, -81.8636



40.2365, 86.8496, -113.0941



44.7710, 77.2472, -34.5701



36.1331, 1.9261, -1.7435



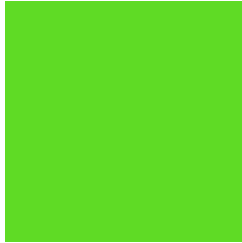
26.2576, 56.5161, -72.5607



7.0147, 14.8136, -17.1781

Previews

White Background



This preview shows how the HunterLab color 72.9586, -53.3383, 42.6006 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 72.9586, -53.3383, 42.6006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

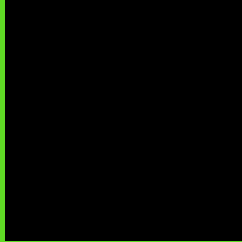
Any Text WCAG AA ✓ Pass

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 72.9586, -53.3383, 42.6006 Background



This preview shows how black text looks on a background with the HunterLab color 72.9586, -53.3383, 42.6006.



This preview shows how white text looks on a background with the HunterLab color 72.9586, -53.3383, 42.6006.

-53.3383, 42.6006.

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

72.9586, -53.3383, 42.6006

Protanopia

72.3788, -9.7893, 43.4759

Deuteranopia

72.3025, 5.3082, 41.4712



Tritanopia

72.7614, -20.8301, -10.7034

Trichromacy



Original Color

72.9586, -53.3383, 42.6006



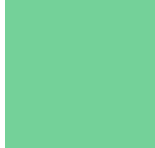
Protanomaly

71.4955, -29.2590, 42.4097



Deuteranomaly

70.5870, -20.8979, 40.5949



Tritanomaly

71.8428, -36.8940, 18.7520

Monochromacy



Original Color

72.9586, -53.3383, 42.6006



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

63.2734, -25.5403, 23.0589

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.9586, -53.3383, 42.6006 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, 219, 37)` looks like.

```
.text, #text, p{  
    color:rgb(95, 219, 37)  
}
```

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, 219, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 219, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 72.9586, -53.3383, 42.6006 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, 219, 37) }
```


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

```
.border{ border-color:rgb(95, 219, 37) }
```

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

Here you see how a box with a 4 pixel rgb(95, 219, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 219, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 219, 37);  
box-shadow:4px 4px 4px 4px rgb(95, 219,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.9586, -53.3383, 42.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 219, 37) }
```

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

```
.background{ background-color: rgb(95, 219,  
37) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor