

Converting Colors

HunterLab(71.9818, -51.4524,
41.7102)

Have a look what the booklet for
HunterLab(71.9818, -51.4524,
41.7102) contains.

HunterLab(72.0586, -51.5362, 41.7739)	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(72.0586,
-51.5362, 41.7739)**

Conversions

Conversions Part 1

Format	Color
Hex	63D829
RGB	99, 216, 41
RGB Percent	39%, 85%, 16%
CMY	0.6118, 0.1529, 0.8392
CMYK	0.54, 0.00, 0.81, 0.15
HSL	100°, 69%, 50%
HSV	100°, 81%, 85%
XYZ	30.1017, 51.9244, 10.5337
YIQ	161.0670, -13.5570, -79.2290

Conversions

Conversions Part 2

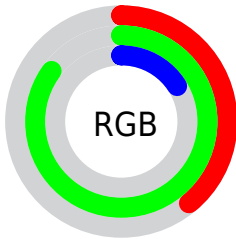
Format	Color
R_YB	41, 216, 158
Decimal	6543401
CIE _{Lab}	77.24, -61.06, 68.94
CIE _{LCh}	77, 92.092, 131.533
Yxy	51.9266, 0.3252, 0.5610
Android (android.graphics.Color)	4284733481 (0xFF63D829)
YUV	161.0670, -59.1930, -54.4328
Hunter-Lab	72.0586, -51.5362, 41.7739

Details

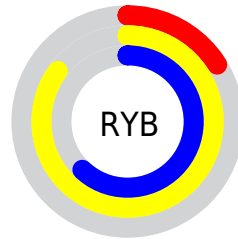
The HunterLab color **72.0586, -51.5362, 41.7739** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **37.1683, 66.0216, -79.5775**, and the grayscale version is **59.9667, -3.1997, 3.2581**.

A 20% lighter version of the original color is **89.4164, -51.3637, 45.8636**, and **50.2895, -42.3632, 30.2465** is the 20% darker color. If you saturate the color by 10%, you get **71.4653, -54.1685, 42.5619**, and if you desaturate by 10%, it is **72.8069, -48.1973, 40.2365**.

Distribution



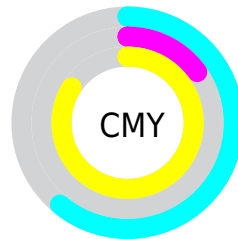
- Red (39%)
- Green (85%)
- Blue (16%)



- Red (16%)
- Yellow (85%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (81%)
- Black (15%)



- Cyan (61%)
- Magenta (15%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.0586, -51.5362, 41.7739 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 72.0586, -51.5362, 41.7739 by changing the saturation by 10% instead.

■ 72.0586, -51.5362,
41.7739

■ 72.0586, -51.5362,
41.7739

198.5329,
-82.8425, 77.7311

■ 60.7837, -47.4473,
37.0426

■ 96.4484, -59.2024,
50.6579

■ 50.1659, -43.1315,
32.0846

■ 109.5026,
-62.8342, 54.8573

■ 40.2503, -38.5304,
26.8873

■ 123.0977,
-66.3596, 58.9219

■ 31.0909, -33.5585,
21.7636

■ 137.2131,
-69.7941, 62.8686

■ 22.7560, -28.0885,
15.9292

■ 151.8302,
-73.1503, 66.7115

■ 15.3371, -23.0798,
10.7360

■ 166.9324,

■ 8.9508, -15.6640,

-76.4382, 70.4629

6.2656

182.5046,
-79.6666, 74.1331

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0586, -51.5362,
41.7739

■ 72.0586, -51.5362,
41.7739

■ 71.4653, -54.1685,
42.5619

■ 72.8069, -48.1973,
40.2365

■ 71.0461, -55.9963,
42.7980


■ 73.7139, -44.1249,
37.8689


■ 74.7865, -39.3190,
34.6257


■ 76.0274, -33.7955,
30.4884

■ 77.4375, -27.5844,

25.4602

 79.0158, -20.7260,
19.5625

 80.7598, -13.2680,
12.8300

 82.6659, -5.2628,
5.3082

 84.7293, 3.2353,
-2.9510

Harmonies

Analogous

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



72.0601, -19.8947, 46.5147



72.0586, -51.5362, 41.7739



72.0601, -67.4953, 24.9294

Triad

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



72.0601, -51.5375, 41.7742



72.0601, -28.5848, -120.5810



72.0601, 98.3728, 18.1466

Complementary

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



72.0586, -51.5362, 41.7739



37.1683, 66.0216, -79.5775

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.



72.0601, 94.4514, -26.2753



72.0586, -51.5362, 41.7739



72.0601, 13.7369, -126.6114

Square

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



72.0601, -51.5375, 41.7742



72.0601, -56.5878, -71.7752



72.0601, 60.7742, -85.2599



72.0601, 70.4742, 39.3471

Rectangle

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



72.0586, -51.5362, 41.7739



72.0601, -70.0885, 1.7500



72.0601, 60.7742, -85.2599



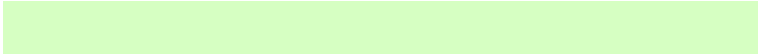
72.0601, 100.8816, 6.0293

Sweetspot

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



72.0601, -51.5375, 41.7742



94.7177, -27.7498, 26.0038



62.5313, 7.2977, 36.6695



43.5038, -14.2157, 13.2149

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.0601, -51.5375, 41.7742



85.8437, -67.0906, 51.5702



70.7318, -56.6960, 37.7108



37.5418, -5.5689, 5.4094



54.7064, -42.8768, 32.9592



13.6001, -9.8420, 8.2080

Inverse Universe

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



37.1683, 66.0216, -79.5775



40.3408, 85.9238, -112.6855



44.4600, 75.0227, -33.8650



35.2377, 1.8290, -1.7055



25.5491, 55.2392, -72.5254



6.6180, 14.0080, -16.4552

Previews

White Background



This preview shows how the HunterLab color 72.0586, -51.5362, 41.7739 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 72.0586, -51.5362, 41.7739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

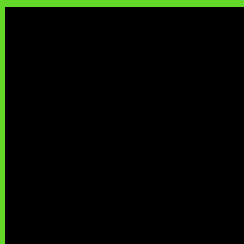
Any Text WCAG AA ✓ Pass

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 72.0586, -51.5362, 41.7739 Background



This preview shows how black text looks on a background with the HunterLab color 72.0586, -51.5362, 41.7739.



This preview shows how white text looks on a background with the HunterLab color 72.0586, -51.5362, 41.7739.

-51.5362, 41.7739.

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

72.0586, -51.5362, 41.7739

Protanopia

71.4762, -9.8496, 42.6155

Deuteranopia

71.3882, 5.1813, 40.6434



Tritanopia

71.7836, -19.6483, -10.3316

Trichromacy



Original Color

72.0586, -51.5362, 41.7739



Protanomaly

70.5344, -27.8500, 41.5042



Deuteranomaly

69.9662, -19.9238, 40.0110



Tritanomaly

70.9679, -35.0825, 17.9380

Monochromacy



Original Color

72.0586, -51.5362, 41.7739



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

63.0360, -24.7499, 22.5797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0586, -51.5362, 41.7739 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(99, 216, 41)` looks like.

```
.text, #text, p{  
    color:rgb(99, 216, 41)  
}
```

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(99, 216, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 216, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0586, -51.5362, 41.7739 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(99, 216, 41) }
```


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

```
.border{ border-color:rgb(99, 216, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 216, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 216, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 216, 41);  
box-shadow:4px 4px 4px 4px rgb(99, 216,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0586, -51.5362, 41.7739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 216, 41) }
```

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

```
.background{ background-color: rgb(99, 216,  
41) }
```

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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