

Converting Colors

HunterLab(70.6227, -59.1808,
42.4813)

Have a look what the booklet for
HunterLab(70.6227, -59.1808,
42.4813) contains.

HunterLab(70.7112, -59.2717, 42.5343)	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(70.7112,
-59.2717, 42.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	24D900
RGB	36, 217, 0
RGB Percent	14%, 85%, 0%
CMY	0.8588, 0.1490, 0.9999
CMYK	0.83, 0.00, 1.00, 0.15
HSL	110°, 100%, 43%
HSV	110°, 100%, 85%
XYZ	25.5404, 50.0007, 8.3049
YIQ	138.1430, -38.2190, -105.8590

Conversions

Conversions Part 2

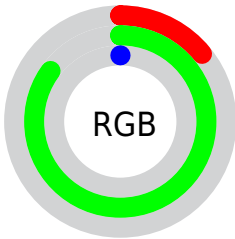
Format	Color
RYB	0, 217, 181
Decimal	2414848
CIELab	76.07, -74.20, 73.92
CIELCh	76, 104.739, 135.109
Yxy	50.0028, 0.3046, 0.5963
Android (android.graphics.Color)	4280604928 (0xFF24D900)
YUV	138.1430, -68.1045, -89.5794
Hunter-Lab	70.7112, -59.2717, 42.5343

Details

The HunterLab color **70.7112, -59.2717, 42.5343** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **38.5200, 78.9687, -75.9275**, and the grayscale version is **50.7459, -2.7077, 2.7571**.

A 20% lighter version of the original color is **87.1847, -60.7862, 46.9547**, and **50.1414, -42.9963, 30.1442** is the 20% darker color. If you saturate the color by 10%, you get **70.7124, -59.2741, 42.5349**, and if you desaturate by 10%, it is **71.0434, -57.7866, 42.1430**.

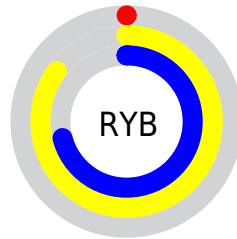
Distribution



Red (14%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (71%)

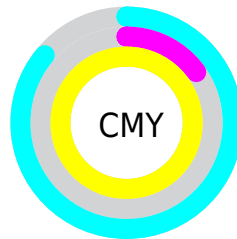


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (86%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.7112, -59.2717, 42.5343 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 70.7112, -59.2717, 42.5343 by changing the saturation by 10% instead.


 70.7112, -59.2717,
42.5343

 70.7112, -59.2717,
42.5343


196.6410,
-96.4686, 80.9229


 59.5110, -54.3180,
37.4725


 94.9627, -68.4955,
52.0437


 48.9727, -49.0648,
32.1789


 107.9523,
-72.8377, 56.5357


 39.1423, -43.4366,
26.8159


 121.4854,
-77.0365, 60.8801

 30.0751, -37.3264,
21.0526

 135.5411,
-81.1119, 65.0944

 21.8417, -30.5809,
15.2892

 150.1007,
-85.0805, 69.1936

 14.5372, -25.4402,
10.1761

 165.1471,

 8.1981, -14.3468,

-88.9556, 73.1909

5.7387

180.6652,
-92.7485, 77.0974

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7112, -59.2717,
42.5343

■ 70.7112, -59.2717,
42.5343

■ 70.7124, -59.2741,
42.5349

■ 71.0434, -57.7866,
42.1430


■ 71.5478, -55.4891,
41.1879


■ 72.2495, -52.2739,
39.4849


■ 73.1621, -48.1028,
36.9628


■ 74.2942, -42.9715,

33.5875

 75.6507, -36.9041,
29.3549

 77.2328, -29.9474,
24.2854

 79.0388, -22.1655,
18.4186

 81.0643, -13.6337,
11.8082

Harmonies

Analogous

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



70.7127, -26.8713, 47.3152



70.7112, -59.2717, 42.5343



70.7127, -74.1516, 23.3554

Triad

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



70.7127, -59.2727, 42.5345



70.7127, -26.5693, -150.9926



70.7127, 113.2784, 23.5830

Complementary

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



70.7112, -59.2717, 42.5343



38.5200, 78.9687, -75.9275

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.



70.7127, 113.4252, -23.5321



70.7112, -59.2717, 42.5343



70.7127, 22.7240, -150.7548

Square

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



70.7127, -59.2727, 42.5345



70.7127, -59.1042, -94.7507



70.7127, 76.8834, -94.2296



70.7127, 76.5248, 42.6035

Rectangle

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



70.7112, -59.2717, 42.5343



70.7127, -75.6962, -4.6789



70.7127, 76.8834, -94.2296



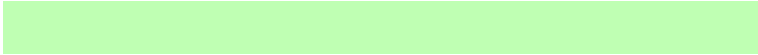
70.7127, 117.8836, 11.4316

Sweetspot

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



70.7127, -59.2727, 42.5345



92.6578, -36.2037, 29.3413



69.0908, -4.3697, 42.4963



42.4801, -18.4459, 14.8227

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7127, -59.2727, 42.5345



84.8635, -71.2619, 51.0449



70.7816, -58.3116, 37.4084



38.3529, -6.2101, 5.3975



55.0439, -45.9976, 33.1125



14.1255, -11.2191, 8.5076

Inverse Universe

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



38.5200, 78.9687, -75.9275



46.1786, 94.7168, -91.3562



40.9723, 75.1280, -12.0140



36.2766, 2.4089, -1.5516



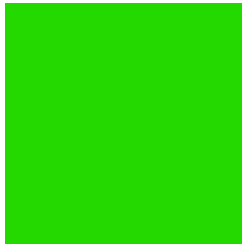
30.0346, 61.5320, -58.8616



7.8363, 15.9270, -14.3710

Previews

White Background



This preview shows how the HunterLab color 70.7112, -59.2717, 42.5343 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 70.7112, -59.2717, 42.5343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

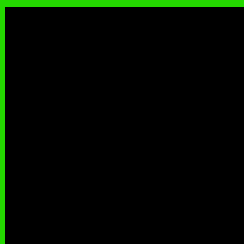
Any Text WCAG AA ✓ Pass

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 70.7112, -59.2717, 42.5343 Background



This preview shows how black text looks on a background with the HunterLab color 70.7112, -59.2717, 42.5343.



This preview shows how white text looks on a background with the HunterLab color 70.7112, -59.2717, 42.5343.

-59.2717, 42.5343.

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

70.7112, -59.2717, 42.5343

Protanopia

69.8709, -9.5162, 42.8875

Deuteranopia

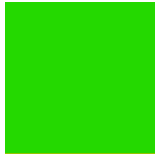
69.8200, 5.5673, 40.8365



Tritanopia

70.5619, -25.8389, -12.7063

Trichromacy



Original Color

70.7112, -59.2717, 42.5343



Protanomaly

67.9232, -34.7734, 41.2452



Deuteranomaly

67.1094, -27.6309, 39.7836



Tritanomaly

69.2427, -44.3613, 20.9753

Monochromacy



Original Color

70.7112, -59.2717, 42.5343



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

55.7752, -30.5689, 24.0189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7112, -59.2717, 42.5343 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(36, 217, 0)` looks like.

```
.text, #text, p{  
    color:rgb(36, 217, 0)  
}
```

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(36, 217, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 217, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7112, -59.2717, 42.5343 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(36, 217, 0) }
```


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

```
.border{ border-color:rgb(36, 217, 0) }
```

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

Here you see how a box with a 4 pixel rgb(36, 217, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 217, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 217, 0);  
box-shadow:4px 4px 4px 4px rgb(36, 217, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 70.7112, -59.2717, 42.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 217, 0) }
```

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

```
.background{ background-color: rgb(36, 217,  
0) }
```

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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