

Converting Colors

HunterLab(63.1466, -53.1274,
37.3750)

Have a look what the booklet for
HunterLab(63.1466, -53.1274,
37.3750) contains.

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Color

**HunterLab(63.0179,
-53.0088, 37.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	17C414
RGB	23, 196, 20
RGB Percent	9%, 77%, 8%
CMY	0.9098, 0.2314, 0.9215
CMYK	0.88, 0.00, 0.90, 0.23
HSL	119°, 81%, 42%
HSV	119°, 90%, 77%
XYZ	20.2196, 39.7126, 7.2615
YIQ	124.2090, -46.6120, -91.4120

Conversions

Conversions Part 2

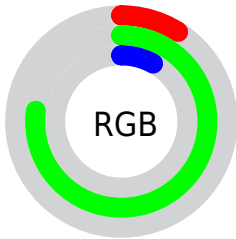
Format	Color
R_{YB}	20, 196, 193
Decimal	1557524
CIE _{Lab}	69.27, -69.04, 65.90
CIE _{LCh}	69, 95.443, 136.333
Yxy	39.7142, 0.3009, 0.5910
Android (android.graphics.Color)	4279747604 (0xFF17C414)
YUV	124.2090, -51.3750, -88.7603
Hunter-Lab	63.0179, -53.0088, 37.2806

Details

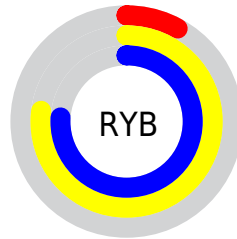
The HunterLab color **63.0179, -53.0088, 37.2806** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **39.7823, 74.9114, -52.0115**, and the grayscale version is **45.1855, -2.4110, 2.4550**.

A 20% lighter version of the original color is **86.4544, -61.8828, 46.1516**, and **43.3084, -37.1369, 26.0363** is the 20% darker color. If you saturate the color by 10%, you get **62.8542, -53.7938, 37.7775**, and if you desaturate by 10%, it is **63.3482, -51.4524, 36.2872**.

Distribution



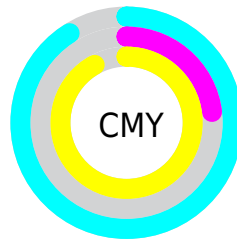
- Red (9%)
- Green (77%)
- Blue (8%)



- Red (8%)
- Yellow (77%)
- Blue (76%)



- Cyan (88%)
- Magenta (0%)
- Yellow (90%)
- Black (23%)





- Cyan (91%)
- Magenta (23%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.0179, -53.0088, 37.2806 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 63.0179, -53.0088, 37.2806 by changing the saturation by 10% instead.


 63.0179, -53.0088,
37.2806


 63.0179, -53.0088,
37.2806


185.7196,
-88.6517, 72.6867


 52.2645, -48.2092,
32.5627


 86.4454, -61.8953,
46.0942


 42.2025, -43.0907,
27.6035


 99.0517, -66.0627,
50.2416


 32.8847, -37.5648,
22.7926


 112.2174,
-70.0853, 54.2462

 24.3761, -31.5013,
17.0633

 125.9197,
-73.9848, 58.1265

 16.7625, -25.6946,
11.7337

 140.1383,
-77.7783, 61.8984

 10.1649, -17.7886,
7.1155

 154.8551,

0.0000, NaN, NaN

-81.4799, 65.5751

0.0000, NaN, NaN

170.0538,
-85.1011, 69.1680

0.0000, NaN, NaN

■ 63.0179, -53.0088,
37.2806

■ 63.0179, -53.0088,
37.2806

■ 62.8542, -53.7938,
37.7775

■ 63.3482, -51.4524,
36.2872

■ 62.8514, -53.8073,
37.7867

■ 63.8817, -48.9413,
34.6393

■ 64.6405, -45.4056,
32.2837

■ 65.6389, -40.8221,
29.2008

■ 66.8849, -35.2078,
25.3999

■ 68.3817, -28.6126,
20.9136

■ 70.1282, -21.1117,
15.7924

■ 72.1197, -12.7964,
10.0986

■ 74.3485, -3.7668,
3.9011

Harmonies

Analogous

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



63.0192, -25.1212, 41.9340



63.0179, -53.0088, 37.2806



63.0192, -65.5982, 19.4277

Triad

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



63.0192, -53.0097, 37.2808



63.0192, -21.8646, -132.3491



63.0192, 98.1451, 21.8925

Complementary

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



63.0179, -53.0088, 37.2806



39.7823, 74.9114, -52.0115

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.



63.0192, 99.7140, -18.3113



63.0179, -53.0088, 37.2806



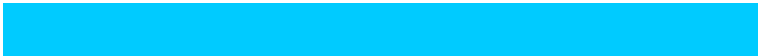
63.0192, 21.8106, -129.8241

Square

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



63.0192, -53.0097, 37.2808



63.0192, -51.1835, -85.0191



63.0192, 68.9152, -79.4715



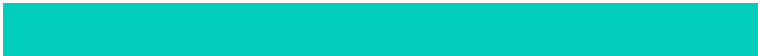
63.0192, 65.0772, 38.0439

Rectangle

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



63.0179, -53.0088, 37.2806



63.0192, -66.6246, -5.9506



63.0192, 68.9152, -79.4715



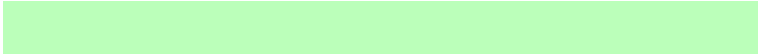
63.0192, 102.6294, 11.5594

Sweetspot

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



63.0192, -53.0097, 37.2808



92.5616, -36.2283, 26.5920



69.7662, -16.3321, 42.1407



42.4695, -18.2982, 13.3507

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0192, -53.0097, 37.2808



84.5860, -72.4477, 50.8532



63.7123, -48.6415, 26.6752



33.5660, -5.7751, 4.5755



50.3837, -43.1143, 30.2914



10.4866, -8.9033, 6.3059

Inverse Universe

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



39.7823, 74.9114, -52.0115



52.6011, 103.8065, -72.4086



36.6731, 62.5989, -1.9837



31.9977, 2.4662, -1.1502



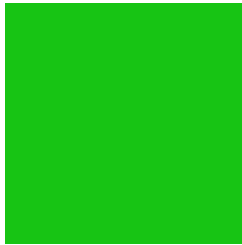
31.3406, 61.8426, -43.0877



6.5362, 12.8862, -8.8988

Previews

White Background



This preview shows how the HunterLab color 63.0179, -53.0088, 37.2806 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 63.0179, -53.0088, 37.2806 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 63.0179, -53.0088, 37.2806 Background



This preview shows how black text looks on a background with the HunterLab color 63.0179, -53.0088, 37.2806.



This preview shows how white text looks on a background with the HunterLab color 63.0179, -53.0088, 37.2806.

-53.0088, 37.2806.

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

63.0179, -53.0088, 37.2806

Protanopia

62.3160, -8.7669, 38.1361

Deuteranopia

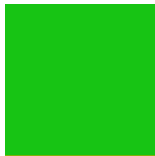
62.2054, 4.3995, 35.9441



Tritanopia

62.7471, -23.1500, -11.6539

Trichromacy



Original Color

63.0179, -53.0088, 37.2806



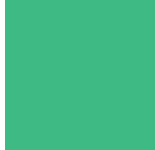
Protanomaly

60.4399, -31.8522, 36.4035



Deuteranomaly

59.4890, -25.3658, 34.4684



Tritanomaly

61.8532, -39.0097, 16.1600

Monochromacy



Original Color

63.0179, -53.0088, 37.2806



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

49.5084, -27.0902, 19.4890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0179, -53.0088, 37.2806 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(23, 196, 20)` looks like.

```
.text, #text, p{  
    color:rgb(23, 196, 20)  
}
```

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(23, 196, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 196, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0179, -53.0088, 37.2806 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(23, 196, 20) }
```


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

```
.border{ border-color:rgb(23, 196, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 196, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 196, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 196, 20);  
box-shadow:4px 4px 4px 4px rgb(23, 196,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0179, -53.0088, 37.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 196, 20) }
```

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

```
.background{ background-color: rgb(23, 196,  
20) }
```

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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