

Converting Colors

HunterLab(63.2022, -36.3044,
23.4761)

Have a look what the booklet for
HunterLab(63.2022, -36.3044,
23.4761) contains.

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Color

**HunterLab(63.1591,
-36.2671, 23.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	64BC72
RGB	100, 188, 114
RGB Percent	39%, 74%, 45%
CMY	0.6078, 0.2627, 0.5529
CMYK	0.47, 0.00, 0.39, 0.26
HSL	130°, 40%, 56%
HSV	130°, 47%, 74%
XYZ	26.2761, 39.8907, 22.2344
YIQ	153.2520, -28.6940, -41.6700

Conversions

Conversions Part 2

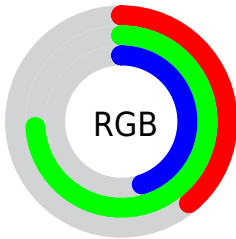
Format	Color
RYB	100, 176, 188
Decimal	6601842
CIELab	69.39, -42.35, 29.45
CIELCh	69, 51.584, 145.182
Yxy	39.8924, 0.2972, 0.4512
Android (android.graphics.Color)	4284791922 (0xFF64BC72)
YUV	153.2520, -19.3512, -46.7020
Hunter-Lab	63.1591, -36.2671, 23.3390

Details

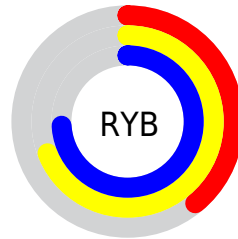
The HunterLab color $63.1591, -36.2671, 23.3390$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $47.8148, 39.2849, -19.5055$, and the grayscale version is $56.6277, -3.0215, 3.0767$.

A 20% lighter version of the original color is $86.6391, -42.1254, 27.6305$, and $42.3621, -29.9933, 18.5788$ is the 20% darker color. If you saturate the color by 10%, you get $62.1383, -40.9243, 26.5017$, and if you desaturate by 10%, it is $64.4070, -30.7297, 19.7691$.

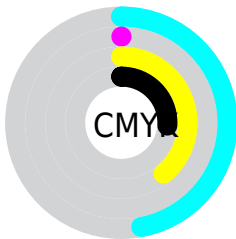
Distribution



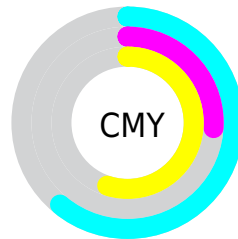
- Red (39%)
- Green (74%)
- Blue (45%)



- Red (39%)
- Yellow (69%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (61%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1591, -36.2671, 23.3390 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 63.1591, -36.2671, 23.3390 by changing the saturation by 10% instead.

■ 63.1591, -36.2671,
23.3390

■ 63.1591, -36.2671,
23.3390

185.9220,
-60.0247, 41.8854

■ 52.3972, -33.2202,
21.0287

■ 86.6023, -42.0047,
27.7310

■ 42.3261, -30.0083,
18.6109

■ 99.2159, -44.7382,
29.8431

■ 32.9984, -26.5808,
16.0516

■ 112.3885,
-47.4030, 31.9141

■ 24.4790, -22.8587,
13.3017

■ 126.0975,
-50.0103, 33.9522

■ 16.8533, -18.7137,
10.8176

140.3225,
-52.5694, 35.9636

■ 10.2419, -17.9233,
7.1693

155.0456,

0.0000, NaN, NaN

-55.0876, 37.9536

0.0000, NaN, NaN

170.2503,
-57.5710, 39.9264

0.0000, NaN, NaN

■ 63.1591, -36.2671,
23.3390

■ 63.1591, -36.2671,
23.3390

■ 62.1383, -40.9243,
26.5017

■ 64.4070, -30.7297,
19.7691

■ 61.3353, -44.6694,
29.2218

■ 65.8794, -24.3627,
15.8329

■ 60.7411, -47.5052,
31.4785

■ 67.5756, -17.2379,
11.5792

■ 60.3400, -49.4701,
33.2643

■ 69.4905, -9.4375,
7.0585

■ 60.1064, -50.6565,
34.5853

■ 71.6172, -1.0480,
2.3203

■ 60.0511, -50.9392,
34.9046

■ 73.9467, 7.8443,
-2.5886

■ 76.4694, 17.1578,
-7.6260

■ 79.1748, 26.8178,
-12.7554

■ 80.2795, 31.3281,
-19.8557

Harmonies

Analogous

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



63.1604, -21.4228, 31.2248



63.1591, -36.2671, 23.3390



63.1604, -42.2894, 6.9327

Triad

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



63.1604, -36.2681, 23.3395



63.1604, -7.1131, -55.9128



63.1604, 42.7868, 19.0902

Complementary

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



63.1591, -36.2671, 23.3390



47.8148, 39.2849, -19.5055

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.



63.1604, 48.0813, -0.2685



63.1591, -36.2671, 23.3390



63.1604, 16.9621, -48.9430

Square

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



63.1604, -36.2681, 23.3395



63.1604, -27.0937, -42.8374



63.1604, 38.0322, -26.2539



63.1604, 24.4636, 29.4726

Rectangle

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



63.1591, -36.2671, 23.3390



63.1604, -41.2380, -8.8472



63.1604, 38.0322, -26.2539



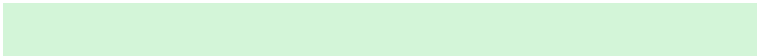
63.1604, 46.2528, 13.6634

Sweetspot

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



63.1604, -36.2681, 23.3395



91.6079, -20.5793, 14.0497



67.8081, -18.8440, 30.9108



42.2332, -10.5654, 7.1136



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



63.1604, -36.2681, 23.3395



83.6378, -55.1535, 35.7195



64.1238, -30.5358, 9.4005



32.6707, -5.4385, 3.8988



49.5567, -41.9845, 28.6909



9.8482, -8.0581, 5.0857

Inverse Universe

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



47.8148, 39.2849, -19.5055



59.4711, 64.7171, -31.8133



46.3031, 32.2327, 1.6907



31.0958, 2.1990, -0.4791



29.9520, 56.9425, -24.4343



5.9877, 11.4796, -5.6315

Previews

White Background



This preview shows how the HunterLab color 63.1591, -36.2671, 23.3390 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 63.1591, -36.2671, 23.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

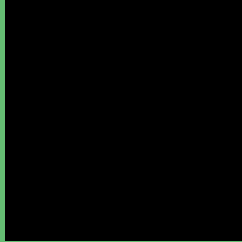
Any Text WCAG AA ✓ Pass

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 63.1591, -36.2671, 23.3390 Background



This preview shows how black text looks on a background with the HunterLab color 63.1591, -36.2671, 23.3390.



This preview shows how white text looks on a background with the HunterLab color 63.1591,

-36.2671, 23.3390.

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

63.1591, -36.2671, 23.3390

Protanopia

62.6388, -5.9717, 25.5865

Deuteranopia

62.5501, 4.5558, 21.7797



Tritanopia

63.1997, -16.7821, -8.6814

Trichromacy



Original Color

63.1591, -36.2671, 23.3390



Protanomaly

62.0777, -18.8444, 24.1038



Deuteranomaly

61.9083, -12.7790, 21.5092



Tritanomaly

62.8615, -24.8650, 5.1732

Monochromacy



Original Color

63.1591, -36.2671, 23.3390



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

58.4849, -16.5002, 10.9869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1591, -36.2671, 23.3390 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(100, 188, 114)` looks like.

```
.text, #text, p{  
    color:rgb(100, 188, 114)  
}
```

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(100, 188, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 188, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1591, -36.2671, 23.3390 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(100, 188, 114) }
```


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

```
.border{ border-color:rgb(100, 188, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 188, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 188, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 188, 114);  
box-shadow:4px 4px 4px 4px rgb(100, 188,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1591, -36.2671, 23.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 188, 114) }
```

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

```
.background{ background-color: rgb(100,  
188, 114) }
```

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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