

Converting Colors

HunterLab(36.5132, 63.8849,
13.0907)

Have a look what the booklet for
HunterLab(36.5132, 63.8849,
13.0907) contains.

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Color

**HunterLab(36.5127, 63.8832,
13.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	CC004A
RGB	204, 0, 74
RGB Percent	80%, 0%, 29%
CMY	0.2000, 0.9998, 0.7098
CMYK	0.00, 1.00, 0.64, 0.20
HSL	338°, 100%, 40%
HSV	338°, 100%, 80%
XYZ	26.1379, 13.3318, 7.6743
YIQ	69.4320, 97.8300, 66.2620

Conversions

Conversions Part 2

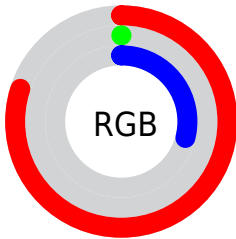
Format	Color
RYB	204, 0, 74
Decimal	13369418
CIELab	43.26, 69.72, 19.56
CIELCh	43, 72.408, 15.670
Yxy	13.3326, 0.5544, 0.2828
Android (android.graphics.Color)	4291559498 (0xFFCC004A)
YUV	69.4320, 2.2520, 118.0161
Hunter-Lab	36.5127, 63.8832, 13.0973

Details

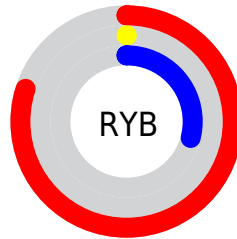
The HunterLab color **36.5127, 63.8832, 13.0973** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **66.9317, -48.7906, 21.6684**, and the grayscale version is **24.5234, -1.3085, 1.3324**.

A 20% lighter version of the original color is **54.2969, 63.3089, 14.4603**, and **24.1862, 41.8286, 12.4579** is the 20% darker color. If you saturate the color by 10%, you get **36.5121, 63.8812, 13.1042**, and if you desaturate by 10%, it is **37.4720, 62.4692, 9.9158**.

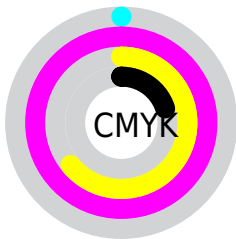
Distribution



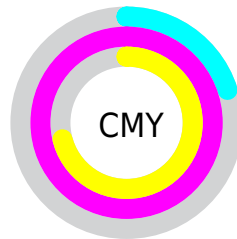
- Red (80%)
- Green (0%)
- Blue (29%)



- Red (80%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.5127, 63.8832, 13.0973 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 36.5127, 63.8832, 13.0973 by changing the saturation by 10% instead.

■ 36.5127, 63.8832,
13.0973

■ 36.5127, 63.8832,
13.0973

145.9584, 81.7455,
27.8366

■ 27.6730, 61.6163,
11.2241

■ 56.4801, 68.4321,
16.5957

■ 19.6898, 59.5807,
9.2128

■ 67.4994, 70.6109,
18.2655

■ 12.6686, 58.2997,
7.7867

■ 79.1545, 72.6994,
19.9018

■ 6.0077, 69.9830,
4.2054

■ 91.4126, 74.6930,
21.5139

0.0000, INF, NaN

0.0000, NaN, NaN

■ 104.2452, 76.5918,
23.1088

0.0000, NaN, NaN

■ 117.6278, 78.3979,

0.0000, NaN, NaN

24.6916

0.0000, NaN, NaN

131.5387, 80.1146,
26.2665

■ 36.5127, 63.8832,
13.0973

■ 36.5127, 63.8832,
13.0973

■ 36.5121, 63.8812,
13.1042

■ 37.4720, 62.4692,
9.9158

■ 39.1566, 59.0701,
6.9044

■ 41.7049, 53.5542,
4.4224

■ 45.0827, 46.4539,
2.6292

■ 49.2062, 38.3816,
1.5549

■ 53.9744, 29.8405,
1.1426

■ 59.2889, 21.1681,
1.2975

■ 65.0633, 12.5576,
1.9197

■ 71.2262, 4.1028,
2.9199

Harmonies

Analogous

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



36.5138, 64.3965, -12.7189



36.5127, 63.8832, 13.0973



36.5138, 42.6377, 22.7343

Triad

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



36.5138, 63.8788, 13.0982



36.5138, -32.5107, 22.5278



36.5138, -14.0958, -87.5408

Complementary

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



36.5127, 63.8832, 13.0973



66.9317, -48.7906, 21.6684

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.



36.5138, -31.9534, -55.1066



36.5127, 63.8832, 13.0973



36.5138, -40.2581, 12.3428

Square

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



36.5138, 63.8788, 13.0982



36.5138, -15.1183, 25.0069



36.5138, -40.0898, -14.3053



36.5138, 13.3969, -86.6795

Rectangle

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



36.5127, 63.8832, 13.0973



36.5138, 22.3878, 24.5824



36.5138, -40.0898, -14.3053



36.5138, -21.2187, -79.5129

Sweetspot

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



36.5138, 63.8788, 13.0982



76.0053, 27.6997, 1.6488



30.0740, 65.9909, -92.9362



33.7808, 15.0214, 0.6911

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



36.5138, 63.8788, 13.0982



46.9478, 82.0628, 17.4427



36.9217, 57.6979, 23.7592



33.5854, 1.6955, 1.4018



28.9954, 50.7845, 9.9849



6.6947, 11.9332, 0.6955

Inverse Universe

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



36.5138, 63.8788, 13.0982



46.9478, 82.0628, 17.4427



59.7722, -25.2150, -20.2756



33.5854, 1.6955, 1.4018



28.9954, 50.7845, 9.9849



6.6947, 11.9332, 0.6955

Previews

White Background



This preview shows how the HunterLab color 36.5127, 63.8832, 13.0973 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 36.5127, 63.8832, 13.0973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

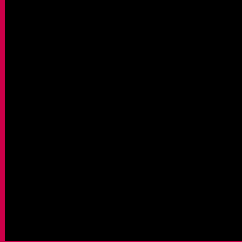
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 36.5127, 63.8832, 13.0973 Background



This preview shows how black text looks on a background with the HunterLab color 36.5127, 63.8832, 13.0973.



This preview shows how white text looks on a background with the HunterLab color 36.5127, 63.8832,

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

36.5127, 63.8832, 13.0973

Protanopia

37.3987, -1.0957, 0.5338

Deuteranopia

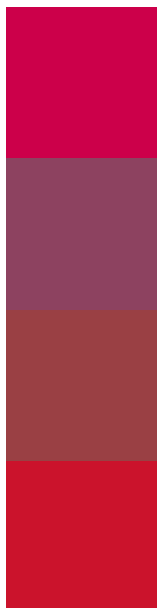
37.3251, 2.1857, 15.0938



Tritanopia

37.0192, 57.1638, 22.1511

Trichromacy



Original Color

36.5127, 63.8832, 13.0973

Protanomaly

32.2547, 26.8090, 0.0026

Deuteranomaly

33.0971, 29.4676, 11.1133

Tritanomaly

36.5296, 59.7791, 19.6883

Monochromacy



Original Color

36.5127, 63.8832, 13.0973

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.7141, 25.4318, 1.3727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.5127, 63.8832, 13.0973 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(204, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 74)  
}
```

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(204, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 36.5127, 63.8832, 13.0973 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(204, 0, 74) }
```


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

```
.border{ border-color:rgb(204, 0, 74) }
```

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

Here you see how a box with a 4 pixel rgb(204, 0, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.5127, 63.8832, 13.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 74) }
```

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

```
.background{ background-color: rgb(204, 0,  
74) }
```

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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