

Converting Colors

HunterLab(37.5423, 65.6890,
13.4323)

Have a look what the booklet for
HunterLab(37.5423, 65.6890,
13.4323) contains.

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Color

**HunterLab(37.5195, 65.6440,
13.4636)**

Conversions

Conversions Part 1

Format	Color
Hex	D1004C
RGB	209, 0, 76
RGB Percent	82%, 0%, 30%
CMY	0.1804, 0.9998, 0.7020
CMYK	0.00, 1.00, 0.64, 0.18
HSL	338°, 100%, 41%
HSV	338°, 100%, 82%
XYZ	27.5990, 14.0771, 8.1000
YIQ	71.1550, 100.1680, 67.9440

Conversions

Conversions Part 2

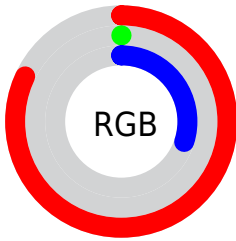
Format	Color
R_{YB}	209, 0, 76
Decimal	13697100
CIE Lab	44.34, 70.99, 19.93
CIE LCh	44, 73.736, 15.679
Yxy	14.0780, 0.5545, 0.2828
Android (android.graphics.Color)	4291887180 (0xFFD1004C)
YUV	71.1550, 2.3886, 120.8901
Hunter-Lab	37.5195, 65.6440, 13.4636

Details

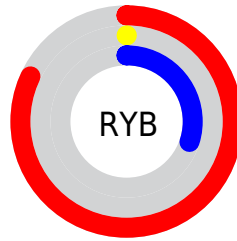
The HunterLab color **37.5195, 65.6440, 13.4636** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **68.7718, -50.1738, 22.3543**, and the grayscale version is **25.1322, -1.3410, 1.3655**.

A 20% lighter version of the original color is **54.4928, 63.0741, 13.9350**, and **24.9415, 43.1534, 12.7040** is the 20% darker color. If you saturate the color by 10%, you get **37.5189, 65.6420, 13.4709**, and if you desaturate by 10%, it is **38.4914, 64.2375, 10.1817**.

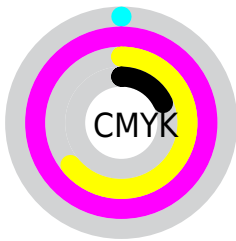
Distribution



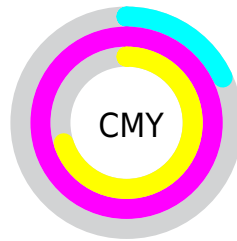
- Red (82%)
- Green (0%)
- Blue (30%)



- Red (82%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5195, 65.6440, 13.4636 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 37.5195, 65.6440, 13.4636 by changing the saturation by 10% instead.

37.5195, 65.6440,
13.4636

37.5195, 65.6440,
13.4636

147.5519, 83.7335,
28.3540

28.5918, 63.3552,
11.5735

57.6432, 70.2362,
16.9975

20.5112, 61.2897,
9.5476

68.7331, 72.4387,
18.6849

13.3793, 59.9384,
7.8768

80.4552, 74.5522,
20.3386

6.9352, 66.0639,
4.8547

92.7768, 76.5717,
21.9677

0.0000, INF, NaN

0.0000, INF, NaN

105.6703, 78.4972,
23.5791

0.0000, NaN, NaN

119.1112, 80.3305,

0.0000, NaN, NaN

25.1780

0.0000, NaN, NaN

133.0781, 82.0747,
26.7686

■ 37.5195, 65.6440,
13.4636

■ 37.5195, 65.6440,
13.4636

■ 37.5189, 65.6420,
13.4709

■ 38.4914, 64.2375,
10.1817

■ 40.2138, 60.7706,
7.0769

■ 42.8261, 55.1164,
4.5177

■ 46.2939, 47.8216,
2.6696

■ 50.5313, 39.5187,
1.5641

■ 55.4338, 30.7287,
1.1426

■ 60.9000, 21.8011,
1.3070

■ 66.8407, 12.9363,
1.9537

■ 73.1819, 4.2316,
2.9905

Harmonies

Analogous

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



37.5207, 66.1783, -13.0599



37.5195, 65.6440, 13.4636



37.5207, 43.8069, 23.3628

Triad

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



37.5207, 65.6395, 13.4645



37.5207, -33.4115, 23.1479



37.5207, -14.4781, -89.9648

Complementary

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



37.5195, 65.6440, 13.4636



68.7718, -50.1738, 22.3543

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.



37.5207, -32.8315, -56.6411



37.5195, 65.6440, 13.4636



37.5207, -41.3702, 12.6783

Square

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



37.5207, 65.6395, 13.4645



37.5207, -15.5423, 25.6608



37.5207, -41.1950, -14.7110



37.5207, 13.7759, -89.0685

Rectangle

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



37.5195, 65.6440, 13.4636



37.5207, 22.9969, 25.2410



37.5207, -41.1950, -14.7110



37.5207, -21.7986, -81.7182

Sweetspot

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



37.5207, 65.6395, 13.4645



76.0075, 27.7107, 1.6179



30.8882, 67.7921, -95.5671



33.7819, 15.0271, 0.6749

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.5207, 65.6395, 13.4645



46.9520, 82.0784, 17.3808



37.9227, 59.3464, 24.4048



34.4649, 1.7529, 1.4337



29.4901, 51.6516, 10.1491



7.0804, 12.6058, 0.8518

Inverse Universe

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



37.5207, 65.6395, 13.4645



46.9520, 82.0784, 17.3808



61.4068, -25.8922, -20.8567



34.4649, 1.7529, 1.4337



29.4901, 51.6516, 10.1491



7.0804, 12.6058, 0.8518

Previews

White Background



This preview shows how the HunterLab color 37.5195, 65.6440, 13.4636 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 37.5195, 65.6440, 13.4636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

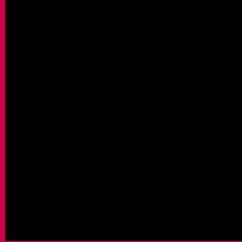
Any Text WCAG AA × Fail

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 37.5195, 65.6440, 13.4636 Background



This preview shows how black text looks on a background with the HunterLab color 37.5195, 65.6440, 13.4636.



This preview shows how white text looks on a background with the HunterLab color 37.5195, 65.6440,

13.4636.

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

37.5195, 65.6440, 13.4636

Protanopia

38.2674, -0.6957, 0.2672

Deuteranopia

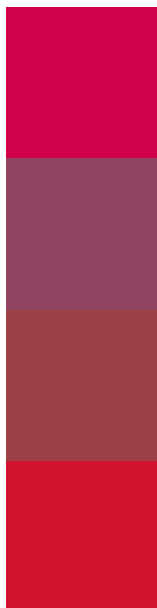
38.1774, 2.4707, 15.3212



Tritanopia

38.0443, 58.7524, 22.7592

Trichromacy



Original Color

37.5195, 65.6440, 13.4636

Protanomaly

33.0392, 28.0234, 0.1129

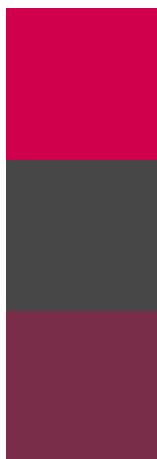
Deuteranomaly

33.8997, 30.6969, 11.2920

Tritanomaly

37.5495, 61.3849, 20.2925

Monochromacy



Original Color

37.5195, 65.6440, 13.4636

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.3432, 26.2668, 1.3296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5195, 65.6440, 13.4636 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(209, 0, 76)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 76)  
}
```

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(209, 0, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5195, 65.6440, 13.4636 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(209, 0, 76) }
```


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

```
.border{ border-color:rgb(209, 0, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 76);  
box-shadow:4px 4px 4px 4px rgb(209, 0, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.5195, 65.6440, 13.4636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 76) }
```

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

```
.background{ background-color: rgb(209, 0,  
76) }
```

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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