

Converting Colors

HunterLab(37.0773, 64.9701,
12.5313)

Have a look what the booklet for
HunterLab(37.0773, 64.9701,
12.5313) contains.

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Color

**HunterLab(37.1691, 65.1331,
12.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	CF004E
RGB	207, 0, 78
RGB Percent	81%, 0%, 31%
CMY	0.1882, 0.9998, 0.6941
CMYK	0.00, 1.00, 0.62, 0.19
HSL	337°, 100%, 41%
HSV	337°, 100%, 81%
XYZ	27.1072, 13.8154, 8.4456
YIQ	70.7850, 98.3340, 68.1420

Conversions

Conversions Part 2

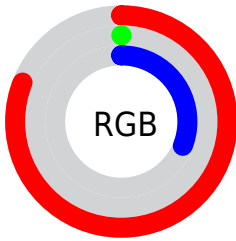
Format	Color
RYB	207, 0, 78
Decimal	13566030
CIELab	43.97, 70.64, 18.10
CIElCh	44, 72.918, 14.371
Yxy	13.8163, 0.5491, 0.2799
Android (android.graphics.Color)	4291756110 (0xFFCF004E)
YUV	70.7850, 3.5570, 119.4606
Hunter-Lab	37.1691, 65.1331, 12.5464

Details

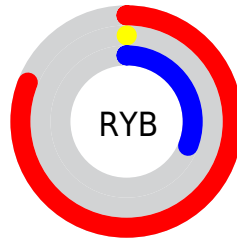
The HunterLab color **37.1691, 65.1331, 12.5464** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **67.9792, -49.9616, 22.8870**, and the grayscale version is **24.9972, -1.3338, 1.3581**.

A 20% lighter version of the original color is **54.4139, 63.8068, 12.7687**, and **24.7812, 42.9283, 12.2172** is the 20% darker color. If you saturate the color by 10%, you get **37.1685, 65.1311, 12.5536**, and if you desaturate by 10%, it is **38.1390, 63.7397, 9.2647**.

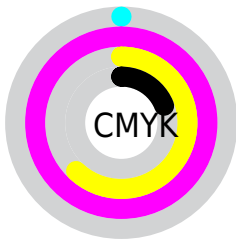
Distribution



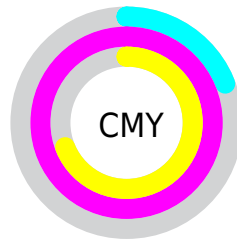
- Red (81%)
- Green (0%)
- Blue (31%)



- Red (81%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1691, 65.1331, 12.5464 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 37.1691, 65.1331, 12.5464 by changing the saturation by 10% instead.

37.1691, 65.1331,
12.5464

37.1691, 65.1331,
12.5464

146.9983, 83.1645,
26.5665

28.2719, 62.8512,
10.7943

57.2387, 69.7138,
15.8406

20.2249, 60.7968,
8.9230

68.3042, 71.9104,
17.4217

13.1312, 59.4737,
7.3027

80.0030, 74.0175,
18.9758

6.6281, 67.2025,
4.6397

92.3027, 76.0306,
20.5113

0.0000, INF, NaN

0.0000, INF, NaN

105.1750, 77.9493,
22.0339

0.0000, NaN, NaN

118.5957, 79.7757,

0.0000, NaN, NaN

23.5485

0.0000, NaN, NaN

132.5432, 81.5129,
25.0584

■ 37.1691, 65.1331,
12.5464

■ 37.1691, 65.1331,
12.5464

■ 37.1685, 65.1311,
12.5536

■ 38.1390, 63.7397,
9.2647

■ 39.8465, 60.3097,
6.1988

■ 42.4305, 54.7126,
3.7123

■ 45.8573, 47.4874,
1.9600

■ 50.0424, 39.2581,
0.9631

■ 54.8834, 30.5398,
0.6554

■ 60.2804, 21.6791,
0.9340

■ 66.1460, 12.8756,
1.6929

■ 72.4070, 4.2267,
2.8386

Harmonies

Analogous

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



37.1703, 64.6379, -14.4170



37.1691, 65.1331, 12.5464



37.1703, 44.3742, 22.8953

Triad

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



37.1703, 65.1286, 12.5473



37.1703, -32.4284, 23.0933



37.1703, -15.2981, -87.5915

Complementary

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



37.1691, 65.1331, 12.5464



67.9792, -49.9616, 22.8870

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.



37.1703, -32.9591, -53.8673



37.1691, 65.1331, 12.5464



37.1703, -40.6832, 13.2664

Square

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



37.1703, 65.1286, 12.5473



37.1703, -14.3260, 25.4424



37.1703, -40.8436, -12.9123



37.1703, 12.2104, -88.4065

Rectangle

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



37.1691, 65.1331, 12.5464



37.1703, 24.0301, 24.8969



37.1703, -40.8436, -12.9123



37.1703, -22.3674, -79.0254

Sweetspot

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



37.1703, 65.1286, 12.5473



76.0399, 27.8746, 1.1569



30.1151, 66.5239, -96.4977



33.7990, 15.1119, 0.4325

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1703, 65.1286, 12.5473



47.0165, 82.3156, 16.4406



37.3181, 59.3564, 24.0324



34.4686, 1.7732, 1.3799



29.5316, 51.8040, 9.5457



7.0913, 12.6454, 0.6961

Inverse Universe

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



37.1703, 65.1286, 12.5473



47.0165, 82.3156, 16.4406



61.8968, -27.0923, -18.8787



34.4686, 1.7732, 1.3799



29.5316, 51.8040, 9.5457



7.0913, 12.6454, 0.6961

Previews

White Background



This preview shows how the HunterLab color 37.1691, 65.1331, 12.5464 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 37.1691, 65.1331, 12.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

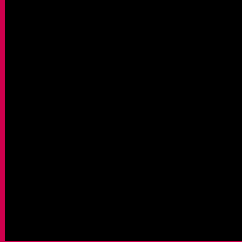
Any Text WCAG AA × Fail

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 37.1691, 65.1331, 12.5464 Background



This preview shows how black text looks on a background with the HunterLab color 37.1691, 65.1331, 12.5464.



This preview shows how white text looks on a background with the HunterLab color 37.1691, 65.1331,

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

37.1691, 65.1331, 12.5464

Protanopia

38.1931, -0.7757, -1.1923

Deuteranopia

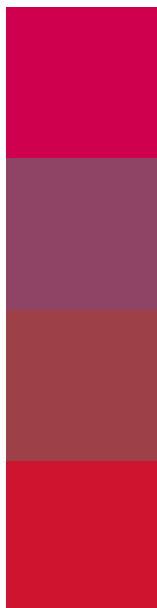
37.8500, 2.7571, 14.5518



Tritanopia

37.4804, 57.7034, 22.2667

Trichromacy



Original Color

37.1691, 65.1331, 12.5464

Protanomaly

32.8535, 27.7198, -1.4896

Deuteranomaly

33.6196, 30.9356, 10.4457

Tritanomaly

37.1852, 60.7748, 19.6893

Monochromacy



Original Color

37.1691, 65.1331, 12.5464

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.2275, 26.0431, 0.7750

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1691, 65.1331, 12.5464 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(207, 0, 78)` looks like.

```
.text, #text, p{  
  color:rgb(207, 0, 78)  
}
```

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(207, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1691, 65.1331, 12.5464 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(207, 0, 78) }
```


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

```
.border{ border-color:rgb(207, 0, 78) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 37.1691, 65.1331, 12.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 78) }
```

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

```
.background{ background-color: rgb(207, 0,  
78) }
```

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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