

Converting Colors

HunterLab(37.5046, 69.8841,
13.0752)

Have a look what the booklet for
HunterLab(37.5046, 69.8841,
13.0752) contains.

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Color

**HunterLab(38.3356, 67.0857,
13.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	D5004E
RGB	213, 0, 78
RGB Percent	84%, 0%, 31%
CMY	0.1647, 0.9998, 0.6941
CMYK	0.00, 1.00, 0.63, 0.16
HSL	338°, 100%, 42%
HSV	338°, 100%, 84%
XYZ	28.8157, 14.6962, 8.5256
YIQ	72.5790, 101.9100, 69.4140

Conversions

Conversions Part 2

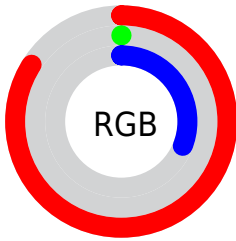
Format	Color
R_{YB}	213, 0, 78
Decimal	13959246
CIE Lab	45.22, 72.03, 19.98
CIE LCh	45, 74.750, 15.505
Yxy	14.6971, 0.5537, 0.2824
Android (android.graphics.Color)	4292149326 (0xFFD5004E)
YUV	72.5790, 2.6726, 123.1492
Hunter-Lab	38.3356, 67.0857, 13.6492

Details

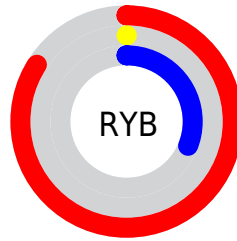
The HunterLab color **38.3356, 67.0857, 13.6492** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **70.2417, -51.3343, 23.0222**, and the grayscale version is **25.6365, -1.3679, 1.3929**.

A 20% lighter version of the original color is **54.7148, 62.9412, 13.0592**, and **25.7009, 44.4858, 12.9473** is the 20% darker color. If you saturate the color by 10%, you get **38.3350, 67.0836, 13.6569**, and if you desaturate by 10%, it is **39.3182, 65.6875, 10.2805**.

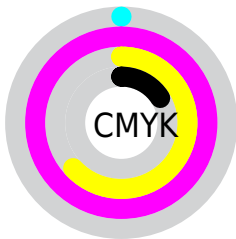
Distribution



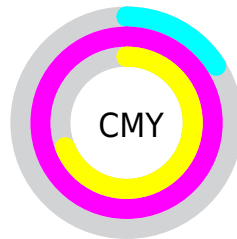
- Red (84%)
- Green (0%)
- Blue (31%)



- Red (84%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3356, 67.0857, 13.6492 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 38.3356, 67.0857, 13.6492 by changing the saturation by 10% instead.


 38.3356, 67.0857,
13.6492


 38.3356, 67.0857,
13.6492


148.8373, 85.3589,
28.5442


 29.3378, 64.7794,
11.7643


 58.5841, 71.7129,
17.1792


 21.1797, 62.6905,
9.7477

 69.7306, 73.9346,
18.8665

 13.9601, 61.2862,
7.9154

 81.5061, 76.0682,
20.5207

 7.5993, 64.7354,
5.3195

 93.8787, 78.1088,
22.1509

0.0000, INF, NaN

0.0000, INF, NaN

 106.8207, 80.0558,
23.7637

0.0000, NaN, NaN

 120.3083, 81.9111,

0.0000, NaN, NaN

25.3643

0.0000, NaN, NaN

134.3202, 83.6776,
26.9568

■ 38.3356, 67.0857,
13.6492

■ 38.3356, 67.0857,
13.6492

■ 38.3350, 67.0836,
13.6569

■ 39.3182, 65.6875,
10.2805

■ 41.0709, 62.1678,
7.1006

■ 43.7342, 56.4030,
4.4849

■ 47.2736, 48.9510,
2.6030

■ 51.6014, 40.4603,
1.4860

■ 56.6108, 31.4663,
1.0728

■ 62.1976, 22.3287,
1.2616

■ 68.2706, 13.2538,
1.9455

■ 74.7538, 4.3419,
3.0294

Harmonies

Analogous

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



38.3368, 67.4901, -13.5456



38.3356, 67.0857, 13.6492



38.3368, 44.8939, 23.8373

Triad

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



38.3368, 67.0811, 13.6501



38.3368, -34.0462, 23.6740



38.3368, -14.9254, -91.7091

Complementary

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



38.3356, 67.0857, 13.6492



70.2417, -51.3343, 23.0222

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.



38.3368, -33.6057, -57.5609



38.3356, 67.0857, 13.6492



38.3368, -42.2286, 13.0530

Square

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



38.3368, 67.0811, 13.6501



38.3368, -15.7335, 26.1946



38.3368, -42.0956, -14.7991



38.3368, 13.8763, -91.0288

Rectangle

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



38.3356, 67.0857, 13.6492



38.3368, 23.6684, 25.7613



38.3368, -42.0956, -14.7991



38.3368, -22.3797, -83.2279

Sweetspot

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



38.3368, 67.0811, 13.6501



76.0137, 27.7424, 1.5287



31.5420, 69.2389, -97.6805



33.7852, 15.0435, 0.6280

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



38.3368, 67.0811, 13.6501



46.9643, 82.1237, 17.2013



38.7268, 60.6703, 24.9234



35.3486, 1.8133, 1.4585



29.9915, 52.5408, 10.2359



7.4713, 13.2904, 0.9870

Inverse Universe

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



38.3368, 67.0811, 13.6501



46.9643, 82.1237, 17.2013



62.7196, -26.4361, -21.3235



35.3486, 1.8133, 1.4585



29.9915, 52.5408, 10.2359



7.4713, 13.2904, 0.9870

Previews

White Background



This preview shows how the HunterLab color 38.3356, 67.0857, 13.6492 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 38.3356, 67.0857, 13.6492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

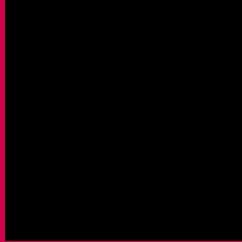
Any Text WCAG AA × Fail

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 38.3356, 67.0857, 13.6492 Background



This preview shows how black text looks on a background with the HunterLab color 38.3356, 67.0857, 13.6492.



This preview shows how white text looks on a background with the HunterLab color 38.3356, 67.0857,

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

38.3356, 67.0857, 13.6492

Protanopia

39.3283, -1.0330, 0.2160

Deuteranopia

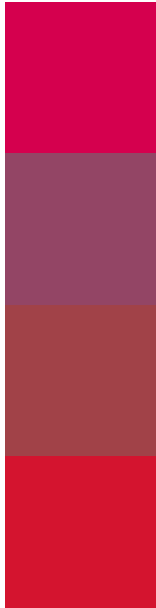
39.0331, 2.7581, 15.5482



Tritanopia

38.6233, 59.8524, 23.0629

Trichromacy



Original Color

38.3356, 67.0857, 13.6492

Protanomaly

33.7622, 28.2025, -0.3232

Deuteranomaly

34.5563, 31.5540, 11.3268

Tritanomaly

38.3440, 62.8471, 20.5692

Monochromacy



Original Color

38.3356, 67.0857, 13.6492

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

25.9751, 27.1057, 1.2861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3356, 67.0857, 13.6492 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(213, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3356, 67.0857, 13.6492 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(213, 0, 78) }
```


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

```
.border{ border-color:rgb(213, 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(213, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 78);  
box-shadow:4px 4px 4px 4px rgb(213, 0, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 38.3356, 67.0857, 13.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 78) }
```

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

```
.background{ background-color: rgb(213, 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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