

Converting Colors

HunterLab(44.4224, 76.8040,
23.0515)

Have a look what the booklet for
HunterLab(44.4224, 76.8040,
23.0515) contains.

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Color

**HunterLab(44.4283, 76.8191,
23.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	F5003C
RGB	245, 0, 60
RGB Percent	96%, 0%, 24%
CMY	0.0392, 0.9997, 0.7647
CMYK	0.00, 1.00, 0.76, 0.04
HSL	345°, 100%, 48%
HSV	345°, 100%, 96%
XYZ	38.4718, 19.7387, 6.0572
YIQ	80.0950, 126.7600, 70.6000

Conversions

Conversions Part 2

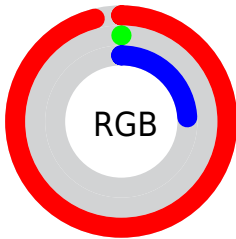
Format	Color
R_YB	245, 0, 60
Decimal	16056380
CIE Lab	51.54, 78.73, 40.10
CIE LCh	52, 88.357, 26.992
Yxy	19.7400, 0.5986, 0.3071
Android (android.graphics.Color)	4294246460 (0xFFFF5003C)
YUV	80.0950, -9.9068, 144.6217
Hunter-Lab	44.4283, 76.8191, 23.0164

Details

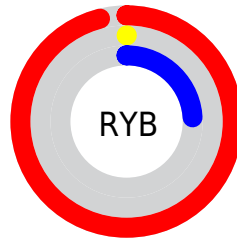
The HunterLab color **44.4283, 76.8191, 23.0164** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **82.9520, -56.0436, 17.3021**, and the grayscale version is **28.3729, -1.5139, 1.5416**.

A 20% lighter version of the original color is **55.2322, 58.4255, 20.1248**, and **31.0280, 53.2772, 18.9585** is the 20% darker color. If you saturate the color by 10%, you get **44.4276, 76.8167, 23.0247**, and if you desaturate by 10%, it is **45.4384, 75.2133, 19.7863**.

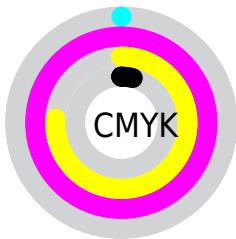
Distribution



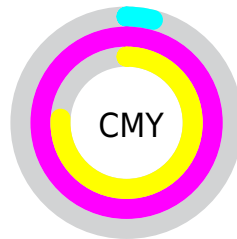
- Red (96%)
- Green (0%)
- Blue (24%)



- Red (96%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.4283, 76.8191, 23.0164 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 44.4283, 76.8191, 23.0164 by changing the saturation by 10% instead.

■ 44.4283, 76.8191,
23.0164

■ 44.4283, 76.8191,
23.0164

158.2732, 96.1957,
47.5178

■ 34.9374, 74.3966,
19.6863

■ 65.5598, 81.6610,
29.1341

■ 26.2379, 72.1457,
16.1095

■ 77.1081, 83.9972,
31.9904

■ 18.4115, 70.3932,
12.8880

■ 89.2647, 86.2508,
34.7454

■ 11.5693, 70.0608,
8.0985

■ 102.0005, 88.4161,
37.4173

■ 4.1316, 113.5567,
2.8921

■ 115.2903, 90.4917,
40.0202

0.0000, INF, NaN

0.0000, NaN, NaN

■ 129.1118, 92.4786,

42.5654

0.0000, NaN, NaN

143.4453, 94.3790,
45.0621

0.0000, NaN, NaN

■ 44.4283, 76.8191,
23.0164

■ 44.4283, 76.8191,
23.0164

■ 44.4276, 76.8167,
23.0247

■ 45.4384, 75.2133,
19.7863

■ 47.4105, 71.0762,
16.3125

■ 50.4991, 64.3262,
13.0175

■ 54.6639, 55.6377,
10.1871

■ 59.7951, 45.7989,
7.9688

■ 65.7579, 35.4511,
6.3889

■ 72.4216, 25.0131,
5.4002

■ 79.6724, 14.7149,
4.9248

■ 87.4162, 4.6595,
4.8806

Harmonies

Analogous

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



44.4297, 89.0358, -1.1462



44.4283, 76.8191, 23.0164



44.4297, 41.5375, 29.7207

Triad

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



44.4297, 76.8135, 23.0173



44.4297, -46.5220, 25.3094



44.4297, -5.9179, -124.6574

Complementary

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



44.4283, 76.8191, 23.0164



82.9520, -56.0436, 17.3021

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.



44.4297, -33.9204, -94.5564



44.4283, 76.8191, 23.0164



44.4297, -52.2369, 5.7102

Square

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



44.4297, 76.8135, 23.0173



44.4297, -29.4288, 30.1555



44.4297, -48.4813, -38.5887



44.4297, 33.2642, -103.9554

Rectangle

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



44.4283, 76.8191, 23.0164



44.4297, 14.1551, 30.8419



44.4297, -48.4813, -38.5887



44.4297, -16.7904, -119.8102

Sweetspot

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



44.4297, 76.8135, 23.0173



75.7241, 26.2743, 5.6581



40.9333, 86.1958, -98.3938



33.6337, 14.2876, 2.7883

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.4297, 76.8135, 23.0173



46.4889, 80.3713, 24.1675



47.7304, 63.5976, 30.5223



40.6805, 1.9345, 2.2647



32.6368, 56.4852, 16.4877



9.7561, 17.0425, 3.7084

Inverse Universe

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



44.4297, 76.8135, 23.0173



46.4889, 80.3713, 24.1675



63.8565, -17.8987, -41.1732



40.6805, 1.9345, 2.2647



32.6368, 56.4852, 16.4877



9.7561, 17.0425, 3.7084

Previews

White Background



This preview shows how the HunterLab color 44.4283, 76.8191, 23.0164 looks on a white 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

Black Background



This preview shows how the HunterLab color 44.4283, 76.8191, 23.0164 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 × Fail

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

HunterLab 44.4283, 76.8191, 23.0164 Background



This preview shows how black text looks on a background with the HunterLab color 44.4283, 76.8191, 23.0164.



This preview shows how white text looks on a background with the HunterLab color 44.4283, 76.8191,

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

44.4283, 76.8191, 23.0164

Protanopia

44.9877, -3.6290, 14.6136

Deuteranopia

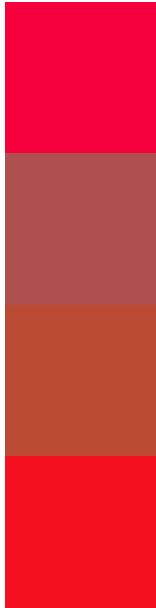
44.8583, 3.0283, 24.2782



Tritanopia

44.6798, 72.5935, 28.2026

Trichromacy



Original Color

44.4283, 76.8191, 23.0164

Protanomaly

38.9485, 31.2886, 12.9945

Deuteranomaly

39.9531, 36.6493, 20.6127

Tritanomaly

44.3876, 74.0924, 26.9170

Monochromacy



Original Color

44.4283, 76.8191, 23.0164

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.0244, 30.3975, 5.5406

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.4283, 76.8191, 23.0164 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(245, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(245, 0, 60)  
}
```

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(245, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 0, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 44.4283, 76.8191, 23.0164 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(245, 0, 60) }
```


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

```
.border{ border-color:rgb(245, 0, 60) }
```

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

Here you see how a box with a 4 pixel rgb(245, 0, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(245, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 44.4283, 76.8191, 23.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 0, 60) }
```

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

```
.background{ background-color: rgb(245, 0,  
60) }
```

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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