

Converting Colors

HunterLab(44.4639, 76.0899,
22.4376)

Have a look what the booklet for
HunterLab(44.4639, 76.0899,
22.4376) contains.

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Color

**HunterLab(44.4341, 76.0236,
22.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	F4073F
RGB	244, 7, 63
RGB Percent	96%, 3%, 25%
CMY	0.0431, 0.9723, 0.7529
CMYK	0.00, 0.97, 0.74, 0.04
HSL	346°, 94%, 49%
HSV	346°, 97%, 96%
XYZ	38.2814, 19.7439, 6.4959
YIQ	84.2470, 123.2760, 67.6600

Conversions

Conversions Part 2

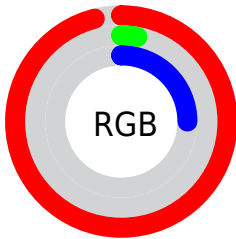
Format	Color
R_{YB}	244, 7, 63
Decimal	15992639
CIE _{Lab}	51.55, 78.10, 38.31
CIE _{LCh}	52, 86.987, 26.131
Yxy	19.7451, 0.5933, 0.3060
Android (android.graphics.Color)	4294182719 (0xFFFF4073F)
YUV	84.2470, -10.4748, 140.1034
Hunter-Lab	44.4341, 76.0236, 22.4362

Details

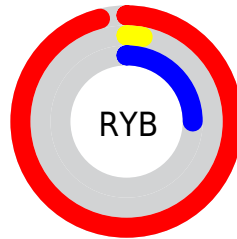
The HunterLab color **44.4341, 76.0236, 22.4362** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **82.6922, -55.0802, 15.8527**, and the grayscale version is **29.8833, -1.5945, 1.6236**.

A 20% lighter version of the original color is **55.6391, 57.8558, 19.2717**, and **30.8531, 53.0123, 18.5762** is the 20% darker color. If you saturate the color by 10%, you get **44.1978, 76.3721, 23.2720**, and if you desaturate by 10%, it is **45.6519, 73.8488, 19.1492**.

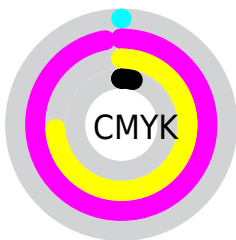
Distribution



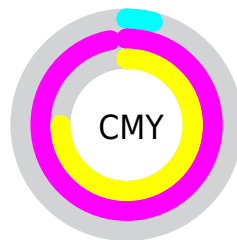
- Red (96%)
- Green (3%)
- Blue (25%)



- Red (96%)
- Yellow (3%)
- Blue (25%)



- Cyan (0%)
- Magenta (97%)
- Yellow (74%)
- Black (4%)



- Cyan (4%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.4341, 76.0236, 22.4362 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 44.4341, 76.0236, 22.4362 by changing the saturation by 10% instead.

■ 44.4341, 76.0236,
22.4362

■ 44.4341, 76.0236,
22.4362

158.2820, 95.2569,
46.0401

■ 34.9427, 73.6072,
19.2416

■ 65.5664, 80.8410,
28.3106

■ 26.2427, 71.3537,
15.8095

■ 77.1151, 83.1618,
31.0572

■ 18.4158, 69.5813,
12.8911

■ 89.2720, 85.3991,
33.7091

■ 11.5730, 69.1894,
8.1011

■ 102.0082, 87.5473,
36.2837

■ 4.1395, 111.8866,
2.8976

■ 115.2982, 89.6056,
38.7944

0.0000, INF, NaN

0.0000, NaN, NaN

■ 129.1200, 91.5749,

41.2518

0.0000, NaN, NaN

143.4539, 93.4578,
43.6647

0.0000, NaN, NaN

■ 44.4341, 76.0236,
22.4362

■ 44.4341, 76.0236,
22.4362

■ 44.1978, 76.3721,
23.2720

■ 45.6519, 73.8488,
19.1492

■ 47.9307, 68.9195,
15.7396

■ 51.3213, 61.5568,
12.5686

■ 55.7581, 52.5038,
9.8873

■ 61.1202, 42.5206,
7.8108

■ 67.2724, 32.1815,
6.3454

■ 74.0880, 21.8418,
5.4369

■ 81.4594, 11.6861,
5.0082

■ 89.2984, 1.7898,
4.9812

Harmonies

Analogous

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



44.4355, 87.1368, -2.1404



44.4341, 76.0236, 22.4362



44.4355, 41.9013, 29.5330

Triad

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



44.4355, 76.0180, 22.4371



44.4355, -45.7115, 25.3986



44.4355, -6.8411, -121.3775

Complementary

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



44.4341, 76.0236, 22.4362



82.6922, -55.0802, 15.8527

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.



44.4355, -34.1083, -90.8954



44.4341, 76.0236, 22.4362



44.4355, -51.6912, 6.5407

Square

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



44.4355, 76.0180, 22.4371



44.4355, -28.3894, 30.0993



44.4355, -48.2207, -36.2258



44.4355, 31.4748, -102.6374

Rectangle

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



44.4341, 76.0236, 22.4362



44.4355, 15.0109, 30.6922



44.4355, -48.2207, -36.2258



44.4355, -17.4378, -116.1765

Sweetspot

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



44.4355, 76.0180, 22.4371



76.4387, 25.0864, 5.8613



41.1947, 85.4456, -96.3029



33.9345, 13.7555, 2.8904

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.4355, 76.0180, 22.4371



46.4633, 80.2766, 24.5450



48.1452, 61.4973, 30.4937



40.6775, 1.9188, 2.3064



32.6180, 56.4156, 16.7648



9.7490, 17.0165, 3.8116

Inverse Universe

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



44.4355, 76.0180, 22.4371



46.4633, 80.2766, 24.5450



64.1692, -18.5045, -39.8627



40.6775, 1.9188, 2.3064



32.6180, 56.4156, 16.7648



9.7490, 17.0165, 3.8116

Previews

White Background



This preview shows how the HunterLab color 44.4341, 76.0236, 22.4362 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 44.4341, 76.0236, 22.4362 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 44.4341, 76.0236, 22.4362 Background



This preview shows how black text looks on a background with the HunterLab color 44.4341, 76.0236, 22.4362.



This preview shows how white text looks on a background with the HunterLab color 44.4341, 76.0236,

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

44.4341, 76.0236, 22.4362

Protanopia

44.9756, -3.5139, 13.3800

Deuteranopia

44.7852, 2.8565, 23.6515



Tritanopia

44.5932, 71.9551, 27.9187

Trichromacy



Original Color

44.4341, 76.0236, 22.4362

Protanomaly

39.2347, 30.2342, 12.3388

Deuteranomaly

40.3601, 35.1050, 20.1746

Tritanomaly

44.3580, 73.3393, 26.4918

Monochromacy



Original Color

44.4341, 76.0236, 22.4362

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.1678, 29.2978, 5.6641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.4341, 76.0236, 22.4362 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(244, 7, 63)` looks like.

```
.text, #text, p{  
    color:rgb(244, 7, 63)  
}
```

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(244, 7, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 7, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 44.4341, 76.0236, 22.4362 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(244, 7, 63) }
```


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

```
.border{ border-color:rgb(244, 7, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 7, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 7, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 7, 63);  
box-shadow:4px 4px 4px 4px rgb(244, 7, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 44.4341, 76.0236, 22.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 7, 63) }
```

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

```
.background{ background-color: rgb(244, 7,  
63) }
```

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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