

Converting Colors

HunterLab(47.8851, 62.2531,
20.4429)

Have a look what the booklet for
HunterLab(47.8851, 62.2531,
20.4429) contains.

HunterLab(47.8244, 62.2675, 20.4136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.8244, 62.2675,
20.4136)**

Conversions

Conversions Part 1

Format	Color
Hex	EF4253
RGB	239, 66, 83
RGB Percent	94%, 26%, 33%
CMY	0.0627, 0.7411, 0.6745
CMYK	0.00, 0.72, 0.65, 0.06
HSL	354°, 84%, 60%
HSV	354°, 72%, 94%
XYZ	39.1062, 22.8717, 10.5372
YIQ	119.6650, 97.6510, 41.9630

Conversions

Conversions Part 2

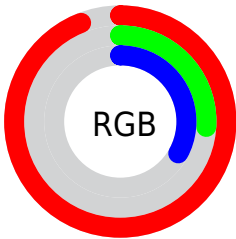
Format	Color
R_{YB}	239, 66, 83
Decimal	15680083
CIE _{Lab}	54.94, 66.10, 30.49
CIE _{LCh}	55, 72.795, 24.761
Yxy	22.8731, 0.5393, 0.3154
Android (android.graphics.Color)	4293870163 (0xFFEF4253)
YUV	119.6650, -18.0758, 104.6568
Hunter-Lab	47.8244, 62.2675, 20.4136

Details

The HunterLab color **47.8244, 62.2675, 20.4136** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **82.5626, -44.3837, 0.4647**, and the grayscale version is **43.2519, -2.3078, 2.3500**.

A 20% lighter version of the original color is **61.5204, 45.7277, 17.6708**, and **30.6105, 52.8786, 16.2360** is the 20% darker color. If you saturate the color by 10%, you get **45.1180, 68.5453, 23.1163**, and if you desaturate by 10%, it is **51.6323, 54.0554, 17.5529**.

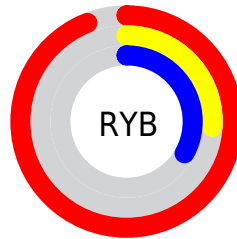
Distribution



Red (94%)

Green (26%)

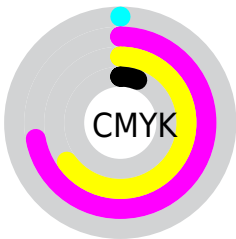
Blue (33%)



Red (94%)

Yellow (26%)

Blue (33%)

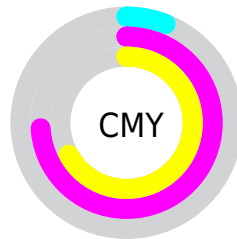


Cyan (0%)

Magenta (72%)

Yellow (65%)

Black (6%)



Cyan (6%)

Magenta (74%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8244, 62.2675, 20.4136 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 47.8244, 62.2675, 20.4136 by changing the saturation by 10% instead.

47.8244, 62.2675,
20.4136

47.8244, 62.2675,
20.4136

163.4235, 78.3231,
39.9901

38.0786, 60.0414,
17.8631

69.4153, 66.4839,
25.1658

29.1017, 57.8084,
15.1432

81.1740, 68.4537,
27.4162

20.9680, 55.6997,
12.2037

93.5305, 70.3258,
29.6062

13.7760, 54.0872,
9.6432

106.4573, 72.1021,
31.7477

7.3962, 57.2171,
5.1773

119.9301, 73.7860,
33.8501

0.0000, INF, NaN

0.0000, INF, NaN

133.9278, 75.3814,

35.9209

0.0000, NaN, NaN

148.4313, 76.8924,
37.9659

0.0000, NaN, NaN

■ 47.8244, 62.2675,
20.4136

■ 47.8244, 62.2675,
20.4136

■ 45.1180, 68.5453,
23.1163

■ 51.6323, 54.0554,
17.5529

■ 43.5232, 72.2896,
25.3623


■ 56.4377, 44.7149,
14.7853


■ 42.9120, 73.6367,
26.5768


■ 62.1068, 34.9082,
12.2695

■ 68.5036, 25.0737,
10.0725

■ 75.5080, 15.4469,
8.2010

 83.0203, 6.1273,
6.6303

 90.9607, -2.8644,
5.3239

 98.5346, -10.4716,
3.6061

Harmonies

Analogous

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



47.8258, 69.9144, -2.7092



47.8244, 62.2675, 20.4136



47.8258, 35.6852, 29.2876

Triad

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



47.8258, 62.2627, 20.4145



47.8258, -41.2783, 24.7382



47.8258, -7.7320, -91.2542

Complementary

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



47.8244, 62.2675, 20.4136



82.5626, -44.3837, 0.4647

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.



47.8258, -31.6084, -67.8523



47.8244, 62.2675, 20.4136



47.8258, -47.6623, 7.3686

Square

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



47.8258, 62.2627, 20.4145



47.8258, -24.4857, 30.4814



47.8258, -44.6205, -26.7182



47.8258, 24.2168, -79.3811

Rectangle

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



47.8244, 62.2675, 20.4136



47.8258, 13.6508, 31.0950



47.8258, -44.6205, -26.7182



47.8258, -16.8533, -86.9714

Sweetspot

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



47.8258, 62.2627, 20.4145



81.5108, 16.3175, 8.7715



50.6085, 79.1878, -63.0981



36.7324, 8.8385, 4.2949

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8258, 62.2627, 20.4145



47.5724, 76.1263, 26.1517



60.1082, 29.2556, 32.4646



39.7291, 1.6233, 2.9002



31.9136, 54.7902, 19.5586



9.2505, 15.9722, 4.9657

Inverse Universe

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



47.8258, 62.2627, 20.4145



47.5724, 76.1263, 26.1517



60.0558, -9.4936, -43.7798



39.7291, 1.6233, 2.9002



31.9136, 54.7902, 19.5586



9.2505, 15.9722, 4.9657

Previews

White Background



This preview shows how the HunterLab color 47.8244, 62.2675, 20.4136 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 47.8244, 62.2675, 20.4136 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 47.8244, 62.2675, 20.4136 Background



This preview shows how black text looks on a background with the HunterLab color 47.8244, 62.2675, 20.4136.



This preview shows how white text looks on a background with the HunterLab color 47.8244, 62.2675,

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

47.8244, 62.2675, 20.4136

Protanopia

48.0579, -3.6538, 11.6996

Deuteranopia

47.9512, 3.1734, 21.5923



Tritanopia

47.8956, 60.7886, 23.1978

Trichromacy



Original Color

47.8244, 62.2675, 20.4136

Protanomaly

45.5622, 19.5489, 12.7283

Deuteranomaly

46.1034, 24.9248, 19.8157

Tritanomaly

47.8258, 61.3934, 22.2925

Monochromacy



Original Color

47.8244, 62.2675, 20.4136

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

42.3821, 19.8163, 7.0034

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8244, 62.2675, 20.4136 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(239, 66, 83)` looks like.

```
.text, #text, p{  
    color:rgb(239, 66, 83)  
}
```

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(239, 66, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 66, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8244, 62.2675, 20.4136 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(239, 66, 83) }
```


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

```
.border{ border-color:rgb(239, 66, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 66, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 66, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 66, 83);  
box-shadow:4px 4px 4px 4px rgb(239, 66,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8244, 62.2675, 20.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 66, 83) }
```

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

```
.background{ background-color: rgb(239, 66,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor