

Converting Colors

HunterLab(47.6835, 45.6351,
27.6747)

Have a look what the booklet for
HunterLab(47.6835, 45.6351,
27.6747) contains.

HunterLab(47.7670, 45.4487, 27.7377)	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(47.7670, 45.4487,
27.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	E05728
RGB	224, 87, 40
RGB Percent	88%, 34%, 16%
CMY	0.1216, 0.6588, 0.8431
CMYK	0.00, 0.61, 0.82, 0.12
HSL	15°, 75%, 52%
HSV	15°, 82%, 88%
XYZ	34.5316, 22.8169, 4.5916
YIQ	122.6050, 96.7390, 14.4270

Conversions

Conversions Part 2

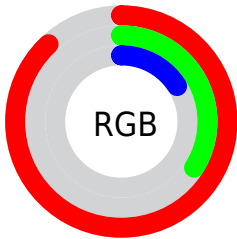
Format	Color
R_{YB}	224, 103, 40
Decimal	14702376
CIE _{Lab}	54.88, 51.24, 52.60
CIE _{LCh}	55, 73.432, 45.749
Yxy	22.8182, 0.5575, 0.3684
Android (android.graphics.Color)	4292892456 (0xFFE05728)
YUV	122.6050, -40.7243, 88.9234
Hunter-Lab	47.7670, 45.4487, 27.7377

Details

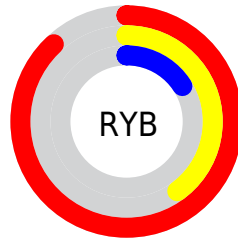
The HunterLab color **47.7670, 45.4487, 27.7377** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **61.0525, -18.9839, -31.1967**, and the grayscale version is **44.4797, -2.3733, 2.4167**.

A 20% lighter version of the original color is **64.0555, 34.3916, 31.3247**, and **29.0789, 42.0321, 18.6541** is the 20% darker color. If you saturate the color by 10%, you get **45.0682, 52.0587, 27.9516**, and if you desaturate by 10%, it is **51.0264, 38.5262, 26.7538**.

Distribution



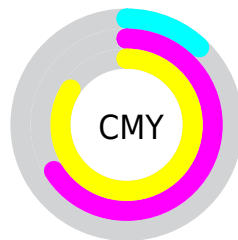
- Red (88%)
- Green (34%)
- Blue (16%)



- Red (88%)
- Yellow (40%)
- Blue (16%)



- Cyan (0%)
- Magenta (61%)
- Yellow (82%)
- Black (12%)



- Cyan (12%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7670, 45.4487, 27.7377 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 47.7670, 45.4487, 27.7377 by changing the saturation by 10% instead.

47.7670, 45.4487,
27.7377

47.7670, 45.4487,
27.7377

163.3370, 57.3565,
58.2197

38.0254, 43.6176,
23.5689

69.3503, 48.7691,
35.4190

29.0531, 41.6952,
19.2604

81.1054, 50.2697,
38.9986

20.9243, 39.7265,
14.6470

93.4587, 51.6695,
42.4412

13.7380, 37.8702,
9.6166

106.3823, 52.9745,
45.7680

7.3536, 39.1591,
5.1475

119.8521, 54.1904,
48.9963

0.0000, INF, NaN

0.0000, NaN, NaN

133.8468, 55.3228,

52.1402

0.0000, NaN, NaN

148.3475, 56.3766,
55.2114

0.0000, NaN, NaN

■ 47.7670, 45.4487,
27.7377

■ 47.7670, 45.4487,
27.7377

■ 45.0682, 52.0587,
27.9516

■ 51.0264, 38.5262,
26.7538

■ 43.3542, 56.7655,
27.7084

■ 54.7908, 31.6029,
25.0598


■ 59.0049, 24.8759,
22.7610


■ 63.6131, 18.4608,
19.9680

■ 68.5653, 12.4090,
16.7791

 73.8174, 6.7304,
13.2753

 79.3322, 1.4105,
9.5199

 85.0782, -3.5781,
5.5614

 91.0289, -8.2677,
1.4366

Harmonies

Analogous

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



47.7684, 67.7010, 15.3608



47.7670, 45.4487, 27.7377



47.7684, 12.7011, 31.1914

Triad

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



47.7684, 45.4445, 27.7384



47.7684, -47.0183, 14.3597



47.7684, 14.3660, -87.8016

Complementary

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



47.7670, 45.4487, 27.7377



61.0525, -18.9839, -31.1967

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.



47.7684, -16.1017, -88.7409



47.7670, 45.4487, 27.7377



47.7684, -46.7852, -15.0815

Square

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



47.7684, 45.4445, 27.7384



47.7684, -37.6147, 27.3984



47.7684, -36.8704, -56.8100



47.7684, 46.9230, -54.7239

Rectangle

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



47.7670, 45.4487, 27.7377



47.7684, -8.2649, 31.4319



47.7684, -36.8704, -56.8100



47.7684, 3.4440, -92.3591

Sweetspot

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



47.7684, 45.4445, 27.7384



83.6174, 9.7489, 16.6431



45.3643, 76.1750, -25.7621



37.6880, 5.5857, 8.3658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.7684, 45.4445, 27.7384



50.2844, 65.5803, 32.0468



69.1673, 0.3628, 40.9060



37.7714, 0.0158, 3.9568



33.3126, 42.5986, 21.2729



9.5476, 9.0236, 6.0412

Inverse Universe

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



61.0525, -18.9839, -31.1967



66.5451, -18.2651, -43.6081



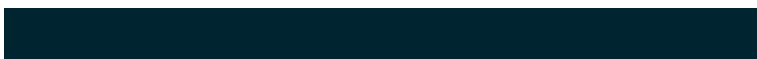
35.3393, 27.3446, -96.0600



38.6632, -3.9274, 0.1583



44.0056, -12.3212, -28.4053



12.1789, -4.0786, -6.4182

Previews

White Background



This preview shows how the HunterLab color 47.7670, 45.4487, 27.7377 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 47.7670, 45.4487, 27.7377 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 47.7670, 45.4487, 27.7377 Background



This preview shows how black text looks on a background with the HunterLab color 47.7670, 45.4487, 27.7377.



This preview shows how white text looks on a background with the HunterLab color 47.7670, 45.4487,

27.7377.

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

47.7670, 45.4487, 27.7377

Protanopia

47.9098, -5.9601, 25.3969

Deuteranopia

47.8004, 3.1561, 28.2975



Tritanopia

47.8450, 50.9590, 19.2003

Trichromacy



Original Color

47.7670, 45.4487, 27.7377

Protanomaly

46.7099, 11.7233, 25.4382

Deuteranomaly

46.9389, 18.3474, 27.6073

Tritanomaly

47.7393, 48.5465, 23.0703

Monochromacy



Original Color

47.7670, 45.4487, 27.7377

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.0633, 12.2091, 13.4308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.7670, 45.4487, 27.7377 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(224, 87, 40)` looks like.

```
.text, #text, p{  
    color:rgb(224, 87, 40)  
}
```

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(224, 87, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 87, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 47.7670, 45.4487, 27.7377 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(224, 87, 40) }
```


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

```
.border{ border-color:rgb(224, 87, 40) }
```

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

Here you see how a box with a 4 pixel rgb(224, 87, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 87, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 87, 40);  
box-shadow:4px 4px 4px 4px rgb(224, 87,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.7670, 45.4487, 27.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 87, 40) }
```

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

```
.background{ background-color: rgb(224, 87,  
40) }
```

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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