

Converting Colors

HunterLab(47.9683, 46.0576,
27.4060)

Have a look what the booklet for
HunterLab(47.9683, 46.0576,
27.4060) contains.

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Color

**HunterLab(47.9644, 45.9959,
27.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	E1572C
RGB	225, 87, 44
RGB Percent	88%, 34%, 17%
CMY	0.1176, 0.6588, 0.8274
CMYK	0.00, 0.61, 0.80, 0.12
HSL	14°, 75%, 53%
HSV	14°, 80%, 88%
XYZ	34.9142, 23.0058, 4.9833
YIQ	123.3600, 96.0510, 15.8830

Conversions

Conversions Part 2

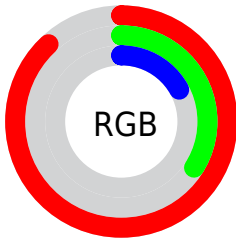
Format	Color
R _Y B	225, 100, 44
Decimal	14767916
CIE Lab	55.08, 51.71, 51.01
CIE LCh	55, 72.637, 44.608
Yxy	23.0072, 0.5550, 0.3657
Android (android.graphics.Color)	4292957996 (0xFFE1572C)
YUV	123.3600, -39.1245, 89.1383
Hunter-Lab	47.9644, 45.9959, 27.4151

Details

The HunterLab color **47.9644, 45.9959, 27.4151** 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 **62.7889, -20.7408, -28.9371**, and the grayscale version is **44.7683, -2.3887, 2.4323**.

A 20% lighter version of the original color is **64.3400, 34.1357, 30.7005**, and **29.2577, 42.3858, 18.7705** is the 20% darker color. If you saturate the color by 10%, you get **45.1948, 52.7154, 27.8086**, and if you desaturate by 10%, it is **51.3227, 38.9271, 26.2619**.

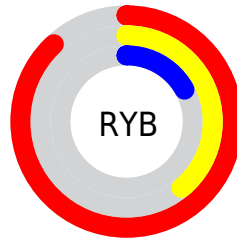
Distribution



Red (88%)

Green (34%)

Blue (17%)



Red (88%)

Yellow (39%)

Blue (17%)

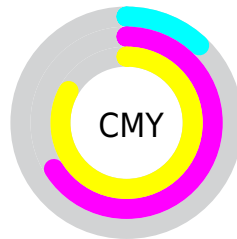


Cyan (0%)

Magenta (61%)

Yellow (80%)

Black (12%)



Cyan (12%)

Magenta (66%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9644, 45.9959, 27.4151 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 47.9644, 45.9959, 27.4151 by changing the saturation by 10% instead.

47.9644, 45.9959,
27.4151

47.9644, 45.9959,
27.4151

163.6343, 58.0275,
57.0777

38.2084, 44.1521,
23.3644

69.5738, 49.3435,
34.8779

29.2204, 42.2183,
19.1105

81.3409, 50.8582,
38.3575

21.0743, 40.2405,
14.7520

93.7055, 52.2720,
41.7057

13.8685, 38.3792,
9.7079

106.6400, 53.5909,
44.9431

7.4990, 39.3309,
5.2493

120.1202, 54.8207,
48.0864

0.0000, INF, NaN

0.0000, NaN, NaN

134.1250, 55.9668,

51.1495

0.0000, NaN, NaN

148.6354, 57.0342,
54.1434

0.0000, NaN, NaN

■ 47.9644, 45.9959,
27.4151

■ 47.9644, 45.9959,
27.4151

■ 45.1948, 52.7154,
27.8086

■ 51.3227, 38.9271,
26.2619

■ 43.1231, 58.4224,
27.5950


■ 55.2092, 31.8383,
24.4268


■ 59.5637, 24.9377,
22.0251


■ 64.3270, 18.3463,
19.1704

■ 69.4454, 12.1177,
15.9606

 74.8727, 6.2616,
12.4734

 80.5698, 0.7625,
8.7684

 86.5037, -4.4077,
4.8900

 92.6473, -9.2823,
0.8710

Harmonies

Analogous

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



47.9658, 67.2800, 14.5247



47.9644, 45.9959, 27.4151



47.9658, 13.7883, 31.1389

Triad

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



47.9658, 45.9917, 27.4158



47.9658, -46.5824, 15.0468



47.9658, 12.9256, -87.0708

Complementary

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



47.9644, 45.9959, 27.4151



62.7889, -20.7408, -28.9371

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.



47.9658, -16.9785, -86.5881



47.9644, 45.9959, 27.4151



47.9658, -46.7043, -13.4543

Square

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



47.9658, 45.9917, 27.4158



47.9658, -36.8166, 27.5957



47.9658, -37.2050, -54.3817



47.9658, 45.2274, -55.4556

Rectangle

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



47.9644, 45.9959, 27.4151



47.9658, -7.1235, 31.4543



47.9658, -37.2050, -54.3817



47.9658, 2.1768, -91.0807

Sweetspot

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



47.9658, 45.9917, 27.4158



83.9194, 9.6794, 15.9038



46.0632, 76.2342, -27.7815



37.7893, 5.6019, 8.0229

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.9658, 45.9917, 27.4158



50.2223, 65.8474, 31.8402



68.9408, 1.4989, 40.4578



37.7181, 0.1073, 3.8983



32.9645, 43.6486, 21.0767



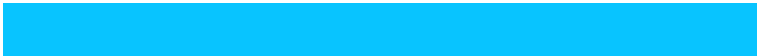
9.4374, 9.3191, 5.9784

Inverse Universe

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



62.7889, -20.7408, -28.9371



68.4482, -20.8522, -40.1370



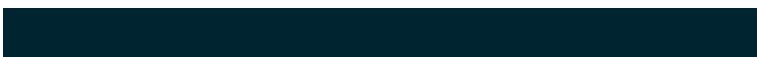
36.9764, 24.5005, -91.0067



38.7188, -4.0169, 0.2248



44.9690, -13.6918, -26.6507



12.3952, -4.3750, -6.0485

Previews

White Background



This preview shows how the HunterLab color 47.9644, 45.9959, 27.4151 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 47.9644, 45.9959, 27.4151 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 47.9644, 45.9959, 27.4151 Background



This preview shows how black text looks on a background with the HunterLab color 47.9644, 45.9959, 27.4151.



This preview shows how white text looks on a background with the HunterLab color 47.9644, 45.9959,

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

47.9644, 45.9959, 27.4151

Protanopia

48.2324, -6.1934, 25.0130

Deuteranopia

48.2094, 3.2292, 28.0824



Tritanopia

48.0142, 51.3578, 19.3508

Trichromacy



Original Color

47.9644, 45.9959, 27.4151

Protanomaly

46.7468, 11.9144, 24.8932

Deuteranomaly

47.3361, 18.4168, 27.4002

Tritanomaly

47.9211, 49.0105, 23.0113

Monochromacy



Original Color

47.9644, 45.9959, 27.4151

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.0836, 12.3133, 13.1371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9644, 45.9959, 27.4151 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(225, 87, 44)` looks like.

```
.text, #text, p{  
    color:rgb(225, 87, 44)  
}
```

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(225, 87, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 87, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9644, 45.9959, 27.4151 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(225, 87, 44) }
```


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

```
.border{ border-color:rgb(225, 87, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 87, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 87, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 87, 44);  
box-shadow:4px 4px 4px 4px rgb(225, 87,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9644, 45.9959, 27.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 87, 44) }
```

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

```
.background{ background-color: rgb(225, 87,  
44) }
```

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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