

Converting Colors

HunterLab(47.3033, 51.6252,
28.3391)

Have a look what the booklet for
HunterLab(47.3033, 51.6252,
28.3391) contains.

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Color

**HunterLab(47.3033, 51.6252,
28.3391)**

Conversions

Conversions Part 1

Format	Color
Hex	E64E20
RGB	230, 78, 32
RGB Percent	90%, 31%, 13%
CMY	0.0980, 0.6941, 0.8745
CMYK	0.00, 0.66, 0.86, 0.10
HSL	14°, 80%, 51%
HSV	14°, 86%, 90%
XYZ	35.6182, 22.3760, 3.8082
YIQ	118.2040, 105.3580, 17.9180

Conversions

Conversions Part 2

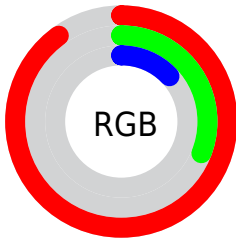
Format	Color
R_{YB}	230, 92, 32
Decimal	15093280
CIE _{Lab}	54.43, 56.93, 56.01
CIE _{LCh}	54, 79.863, 44.538
Yxy	22.3773, 0.5763, 0.3621
Android (android.graphics.Color)	4293283360 (0xFFE64E20)
YUV	118.2040, -42.4986, 98.0451
Hunter-Lab	47.3033, 51.6252, 28.3391

Details

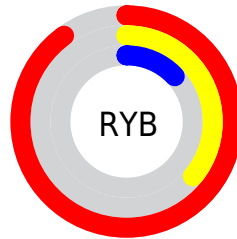
The HunterLab color **47.3033, 51.6252, 28.3391** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **63.4802, -21.0615, -31.1733**, and the grayscale version is **42.7746, -2.2823, 2.3240**.

A 20% lighter version of the original color is **62.3854, 37.5734, 31.5128**, and **28.7384, 47.8564, 18.5463** is the 20% darker color. If you saturate the color by 10%, you get **44.8459, 58.1101, 28.3094**, and if you desaturate by 10%, it is **50.4019, 44.5152, 27.5847**.

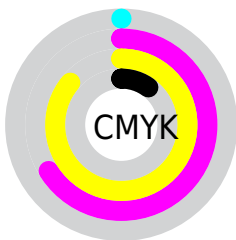
Distribution



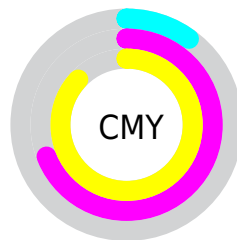
- Red (90%)
- Green (31%)
- Blue (13%)



- Red (90%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (66%)
- Yellow (86%)
- Black (10%)



- Cyan (10%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3033, 51.6252, 28.3391 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 47.3033, 51.6252, 28.3391 by changing the saturation by 10% instead.

47.3033, 51.6252,
28.3391

47.3033, 51.6252,
28.3391

162.6378, 65.2231,
60.5952

37.5958, 49.6214,
23.9185

68.8250, 55.3220,
36.4912

28.6605, 47.5546,
19.5794

80.5520, 57.0157,
40.2873

20.5726, 45.5018,
14.4008

92.8784, 58.6082,
43.9346

13.4326, 43.7052,
9.4028

105.7763, 60.1041,
47.4553

6.9992, 46.8263,
4.8994

119.2216, 61.5086,
50.8679

0.0000, INF, NaN

0.0000, NaN, NaN

133.1926, 62.8268,

54.1873

0.0000, NaN, NaN

147.6704, 64.0635,
57.4263

0.0000, NaN, NaN

47.3033, 51.6252,
28.3391

47.3033, 51.6252,
28.3391

44.8459, 58.1101,
28.3094

50.4019, 44.5152,
27.5847

44.0565, 60.3573,
28.2041


54.0878, 37.1857,
26.0784


58.2998, 29.9218,
23.9266


62.9735, 22.9063,
21.2513

68.0488, 16.2355,
18.1645

 73.4727, 9.9447,
14.7581

 79.1997, 4.0320,
11.1035

 85.1917, -1.5250,
7.2541

 91.4170, -6.7582,
3.2492

Harmonies

Analogous

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



47.3047, 75.7305, 15.3411



47.3033, 51.6252, 28.3391



47.3047, 15.5730, 31.6151

Triad

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



47.3047, 51.6207, 28.3398



47.3047, -49.4061, 15.9872



47.3047, 14.4477, -100.7706

Complementary

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



47.3033, 51.6252, 28.3391



63.4802, -21.0615, -31.1733

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.



47.3047, -18.2573, -100.0982



47.3033, 51.6252, 28.3391



47.3047, -49.5532, -15.1861

Square

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



47.3047, 51.6207, 28.3398



47.3047, -39.2613, 28.5363



47.3047, -39.7398, -62.1843



47.3047, 50.6049, -63.6588

Rectangle

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



47.3033, 51.6252, 28.3391



47.3047, -7.4350, 31.8665



47.3047, -39.7398, -62.1843



47.3047, 2.5904, -105.4871

Sweetspot

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



47.3047, 51.6207, 28.3398



82.5574, 11.2215, 16.6149



46.3121, 81.3339, -30.2987



37.1935, 6.3091, 8.3200

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.3047, 51.6207, 28.3398



49.4106, 68.2115, 31.6408



68.6735, 4.6122, 41.2172



38.6118, 0.1434, 3.9796



33.3817, 44.7016, 21.3522



9.8140, 10.0153, 6.2227

Inverse Universe

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



63.4802, -21.0615, -31.1733



68.2535, -20.7631, -40.4893



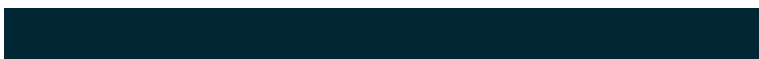
36.0780, 27.7833, -100.3098



39.6720, -4.1459, 0.2454



45.9697, -14.3001, -26.5883



13.0379, -4.6353, -6.2899

Previews

White Background



This preview shows how the HunterLab color 47.3033, 51.6252, 28.3391 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 47.3033, 51.6252, 28.3391 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 47.3033, 51.6252, 28.3391 Background



This preview shows how black text looks on a background with the HunterLab color 47.3033, 51.6252, 28.3391.



This preview shows how white text looks on a background with the HunterLab color 47.3033, 51.6252, 28.3391.

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

47.3033, 51.6252, 28.3391

Protanopia

47.4690, -6.1941, 26.0409

Deuteranopia

47.3441, 2.8261, 29.2227



Tritanopia

47.2121, 56.0479, 21.2557

Trichromacy



Original Color

47.3033, 51.6252, 28.3391

Protanomaly

45.9224, 14.1233, 25.9526

Deuteranomaly

46.2177, 20.7336, 28.3959

Tritanomaly

47.2842, 54.3371, 24.5518

Monochromacy



Original Color

47.3033, 51.6252, 28.3391

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.1421, 14.6440, 13.5383

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3033, 51.6252, 28.3391 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(230, 78, 32)` looks like.

```
.text, #text, p{  
    color:rgb(230, 78, 32)  
}
```

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(230, 78, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 78, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3033, 51.6252, 28.3391 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(230, 78, 32) }
```


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

```
.border{ border-color:rgb(230, 78, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 78, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 78, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 78, 32);  
box-shadow:4px 4px 4px 4px rgb(230, 78,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3033, 51.6252, 28.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 78, 32) }
```

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

```
.background{ background-color: rgb(230, 78,  
32) }
```

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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