

Converting Colors

HunterLab(49.9226, 51.0606,
30.2169)

Have a look what the booklet for
HunterLab(49.9226, 51.0606,
30.2169) contains.

HunterLab(49.9264, 51.4277, 30.2061)	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(49.9264, 51.4277,
30.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	EE561E
RGB	238, 86, 30
RGB Percent	93%, 34%, 12%
CMY	0.0667, 0.6627, 0.8823
CMYK	0.00, 0.64, 0.87, 0.07
HSL	16°, 86%, 53%
HSV	16°, 87%, 93%
XYZ	38.8220, 24.9265, 3.9934
YIQ	125.0640, 108.5680, 14.8080

Conversions

Conversions Part 2

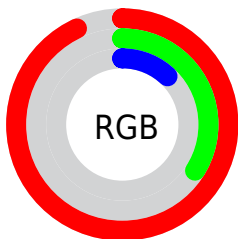
Format	Color
R _Y B	238, 107, 30
Decimal	15619614
CIE Lab	57.01, 56.30, 59.42
CIE LCh	57, 81.858, 46.542
Yxy	24.9279, 0.5731, 0.3680
Android (android.graphics.Color)	4293809694 (0xFFEE561E)
YUV	125.0640, -46.8666, 99.0449
Hunter-Lab	49.9264, 51.4277, 30.2061

Details

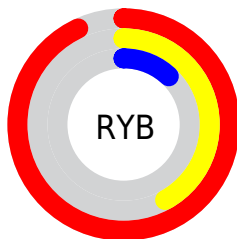
The HunterLab color **49.9264, 51.4277, 30.2061** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **63.1675, -18.1554, -37.3174**, and the grayscale version is **45.4599, -2.4256, 2.4699**.

A 20% lighter version of the original color is **64.1873, 33.3877, 32.9458**, and **31.0676, 47.8001, 19.9805** is the 20% darker color. If you saturate the color by 10%, you get **47.3287, 58.2224, 29.9599**, and if you desaturate by 10%, it is **53.1244, 44.1592, 29.6402**.

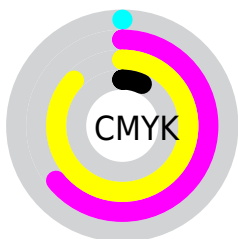
Distribution



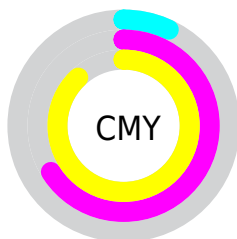
- Red (93%)
- Green (34%)
- Blue (12%)



- Red (93%)
- Yellow (42%)
- Blue (12%)



- Cyan (0%)
- Magenta (64%)
- Yellow (87%)
- Black (7%)



- Cyan (7%)
- Magenta (66%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9264, 51.4277, 30.2061 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 49.9264, 51.4277, 30.2061 by changing the saturation by 10% instead.

49.9264, 51.4277,
30.2061

49.9264, 51.4277,
30.2061

166.5769, 64.6350,
63.8702

40.0292, 49.4649,
25.6180

71.7915, 55.0315,
38.6957

30.8880, 47.4258,
21.0334

83.6761, 56.6786,
42.6572

22.5732, 45.3654,
15.8012

96.1524, 58.2256,
46.4660

15.1770, 43.4577,
10.6239

109.1937, 59.6774,
50.1440

8.8063, 42.5002,
6.1644

122.7766, 61.0394,
53.7095

0.0000, INF, NaN

0.0000, INF, NaN

136.8801, 62.3166,

57.1776

0.0000, NaN, NaN

151.4858, 63.5136,
60.5609

0.0000, NaN, NaN

49.9264, 51.4277,
30.2061

49.9264, 51.4277,
30.2061

47.3287, 58.2224,
29.9599

53.1244, 44.1592,
29.6402

46.7478, 59.8445,
29.8535

56.8733, 36.7877,
28.2529


61.1181, 29.5604,
26.1342


65.8007, 22.6325,
23.3991

70.8669, 16.0831,
20.1601

 76.2682, 9.9383,
16.5142

 81.9629, 4.1916,
12.5405

 87.9157, -1.1817,
8.3010

 94.0966, -6.2143,
3.8435

Harmonies

Analogous

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



49.9279, 77.8187, 17.5115



49.9264, 51.4277, 30.2061



49.9279, 13.6684, 33.3494

Triad

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



49.9279, 51.4230, 30.2068



49.9279, -52.0638, 15.2496



49.9279, 17.5832, -102.9543

Complementary

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



49.9264, 51.4277, 30.2061



63.1675, -18.1554, -37.3174

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.



49.9279, -17.1390, -105.2758



49.9264, 51.4277, 30.2061



49.9279, -51.5475, -18.7065

Square

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



49.9279, 51.4230, 30.2068



49.9279, -42.1609, 29.5080



49.9279, -40.4853, -67.8676



49.9279, 54.9490, -62.7684

Rectangle

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



49.9264, 51.4277, 30.2061



49.9279, -9.9772, 33.5209



49.9279, -40.4853, -67.8676



49.9279, 5.0902, -108.8157

Sweetspot

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



49.9279, 51.4230, 30.2068



83.2649, 9.9180, 17.3208



47.4396, 83.3765, -24.9812



37.5582, 5.6254, 8.6756

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9279, 51.4230, 30.2068



50.4729, 64.9734, 32.2386



74.0722, 0.0023, 44.6597



40.5601, -0.0422, 4.3084



35.1774, 43.9247, 22.4451



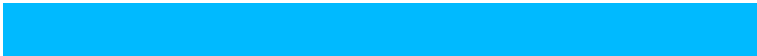
10.9009, 10.5424, 6.9016

Inverse Universe

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



63.1675, -18.1554, -37.3174



65.1761, -16.3412, -46.1885



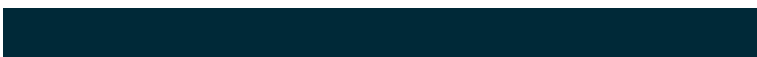
34.6036, 36.0635, -116.6404



41.4330, -4.1528, 0.0988



45.3197, -11.7325, -31.3186



13.6819, -4.2566, -7.9125

Previews

White Background



This preview shows how the HunterLab color 49.9264, 51.4277, 30.2061 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 49.9264, 51.4277, 30.2061 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 49.9264, 51.4277, 30.2061 Background



This preview shows how black text looks on a background with the HunterLab color 49.9264, 51.4277, 30.2061.



This preview shows how white text looks on a background with the HunterLab color 49.9264, 51.4277, 30.2061.

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

49.9264, 51.4277, 30.2061

Protanopia

50.2209, -6.6676, 28.1309

Deuteranopia

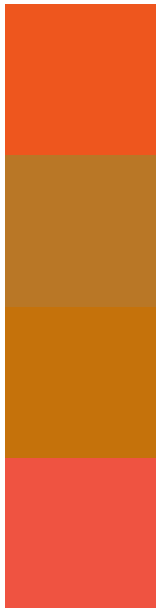
49.8493, 3.0578, 30.7704



Tritanopia

50.0660, 56.8408, 21.6678

Trichromacy



Original Color

49.9264, 51.4277, 30.2061

Protanomaly

48.6291, 13.8386, 27.9716

Deuteranomaly

48.9174, 20.5942, 30.1195

Tritanomaly

49.9188, 54.4013, 25.7723

Monochromacy



Original Color

49.9264, 51.4277, 30.2061

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.9600, 13.6499, 15.1873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9264, 51.4277, 30.2061 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(238, 86, 30)` looks like.

```
.text, #text, p{  
    color:rgb(238, 86, 30)  
}
```

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(238, 86, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 86, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9264, 51.4277, 30.2061 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(238, 86, 30) }
```


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

```
.border{ border-color:rgb(238, 86, 30) }
```

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

Here you see how a box with a 4 pixel rgb(238, 86, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 86, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 86, 30);  
box-shadow:4px 4px 4px 4px rgb(238, 86,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9264, 51.4277, 30.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 86, 30) }
```

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

```
.background{ background-color: rgb(238, 86,  
30) }
```

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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