

# Converting Colors

HunterLab(54.7564, 25.0739,  
32.8495)

Have a look what the booklet for  
HunterLab(54.7564, 25.0739,  
32.8495) contains.

<b>HunterLab(54.7509, 25.0852, 32.8463)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(54.7509, 25.0852,  
32.8463)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7D1E
RGB	220, 125, 30
RGB Percent	86%, 49%, 12%
CMY	0.1373, 0.5098, 0.8823
CMYK	0.00, 0.43, 0.86, 0.14
HSL	30°, 76%, 49%
HSV	30°, 86%, 86%
XYZ	37.0832, 29.9766, 5.0598
YIQ	142.5750, 87.1150, -9.4050

# Conversions

## Conversions Part 2

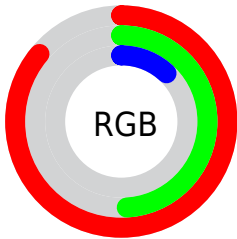
Format	Color
R <sub>Y</sub> B	220, 220, 30
Decimal	14449950
CIE Lab	61.64, 30.72, 61.95
CIE LCh	62, 69.147, 63.621
Yxy	29.9782, 0.5142, 0.4157
Android (android.graphics.Color)	4292640030 (0xFFDC7D1E)
YUV	142.5750, -55.4995, 67.9017
Hunter-Lab	54.7509, 25.0852, 32.8463

# Details

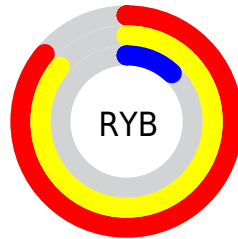
The HunterLab color **54.7509, 25.0852, 32.8463** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **44.8437, 4.2652, -61.8149**, and the grayscale version is **52.4313, -2.7976, 2.8487**.

A 20% lighter version of the original color is **73.3189, 14.8447, 38.4888**, and **35.0731, 23.1901, 22.0179** is the 20% darker color. If you saturate the color by 10%, you get **52.2201, 30.2250, 32.4459**, and if you desaturate by 10%, it is **57.5096, 20.2211, 32.4413**.

# Distribution



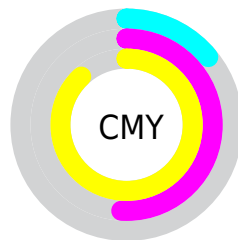
- Red (86%)
- Green (49%)
- Blue (12%)



- Red (86%)
- Yellow (86%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (86%)
- Black (14%)



- Cyan (14%)
- Magenta (51%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.7509, 25.0852, 32.8463 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 54.7509, 25.0852, 32.8463 by changing the saturation by 10% instead.



54.7509, 25.0852,  
32.8463

54.7509, 25.0852,  
32.8463

173.7247, 29.9383,  
67.2168

44.5220, 24.1076,  
28.2045

77.2190, 26.7133,  
41.4691

35.0225, 23.0126,  
23.3514

89.3811, 27.3906,  
45.5064

26.3153, 21.7840,  
18.4207

102.1222, 27.9863,  
49.3948

18.4803, 20.4134,  
12.9362

115.4170, 28.5068,  
53.1549

11.6282, 18.9193,  
8.1397

129.2434, 28.9577,  
56.8037

4.2550, 31.3435,  
2.9785

143.5816, 29.3439,

0.0000, NaN, NaN

60.3559

0.0000, NaN, NaN

158.4140, 29.6696,  
63.8235

0.0000, NaN, NaN

■ 54.7509, 25.0852,  
32.8463

■ 54.7509, 25.0852,  
32.8463

■ 52.2201, 30.2250,  
32.4459

■ 57.5096, 20.2211,  
32.4413

■ 51.3504, 32.1191,  
32.2042

■ 60.4807, 15.7125,  
31.1913

■ 63.6518, 11.5905,  
29.1160

■ 67.0083, 7.8670,  
26.2616

■ 70.5358, 4.5383,  
22.6870

■ 74.2207, 1.5904,  
18.4550

■ 78.0503, -0.9969,  
13.6278

■ 82.0129, -3.2468,  
8.2637

■ 86.0982, -5.1842,  
2.4162

# Harmonies

## Analogous

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



54.7524, 53.7513, 25.4625



54.7509, 25.0852, 32.8463



54.7524, -6.5138, 34.3080

# Triad

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



54.7524, 25.0816, 32.8469



54.7524, -49.3569, -0.5933



54.7524, 32.7468, -65.0705

# Complementary

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



54.7509, 25.0852, 32.8463



44.8437, 4.2652, -61.8149

# 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.



54.7524, 0.7600, -84.7171



54.7509, 25.0852, 32.8463



54.7524, -43.0982, -36.8528

# Square

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



54.7524, 25.0816, 32.8469



54.7524, -45.5519, 22.1599



54.7524, -26.2325, -72.3092



54.7524, 58.8030, -27.3718



# Rectangle

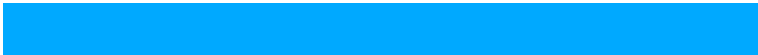
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7509, 25.0852, 32.8463



54.7524, -24.1398, 33.1622



54.7524, -26.2325, -72.3092



54.7524, 22.1117, -74.7108

# Sweetspot

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



54.7524, 25.0816, 32.8469



87.7981, 1.8322, 21.7363



41.9821, 69.7371, -0.3115



39.9058, 1.3867, 10.9049

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



54.7524, 25.0816, 32.8469



60.4732, 38.4965, 37.9372



81.5446, -21.5595, 48.9767



37.5791, -1.2051, 4.6351



39.6214, 23.9481, 24.8338



10.9059, 4.2814, 6.7951



# Inverse Universe

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



44.8437, 4.2652, -61.8149



47.4620, 13.6088, -88.7009



25.2430, 54.2433, -142.5304



36.9965, -2.6305, -0.7302



31.3046, 7.7408, -55.8381



8.9846, 0.1024, -11.4509



# Previews

## White Background



This preview shows how the HunterLab color 54.7509, 25.0852, 32.8463 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 54.7509, 25.0852, 32.8463 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 54.7509, 25.0852, 32.8463 Background



This preview shows how black text looks on a background with the HunterLab color 54.7509, 25.0852, 32.8463.



This preview shows how white text looks on a background with the HunterLab color 54.7509, 25.0852,



# 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

54.7509, 25.0852, 32.8463

### Protanopia

55.0135, -7.4570, 31.9697

### Deuteranopia

54.9653, 3.7585, 33.2706



## Tritanopia

54.8184, 36.9323, 13.4407

# Trichromacy



## Original Color

54.7509, 25.0852, 32.8463

## Protanomaly

54.5253, 3.7976, 32.0191

## Deuteranomaly

54.7262, 11.1417, 33.0389

## Tritanomaly

54.6435, 31.7508, 23.7315

# Monochromacy



## Original Color

54.7509, 25.0852, 32.8463

## Achromatopsia

52.4097, -2.7964, 2.8475

## Achromatomaly

52.1781, 4.4654, 17.9464

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.7509, 25.0852, 32.8463 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(220, 125, 30)` looks like.

```
.text, #text, p{  
    color:rgb(220, 125, 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(220, 125, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 125, 30) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.7509, 25.0852, 32.8463 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(220, 125, 30) }
```



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

```
.border{ border-color:rgb(220, 125, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 125, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 125, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 125, 30);  
box-shadow:4px 4px 4px 4px rgb(220, 125,  
30) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.7509, 25.0852, 32.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 125, 30) }
```

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

```
.background{ background-color: rgb(220,  
125, 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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