

# Converting Colors

HunterLab(52.3934, 60.9871,  
29.8080)

Have a look what the booklet for  
HunterLab(52.3934, 60.9871,  
29.8080) contains.

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# Color

**HunterLab(52.3296, 61.1709,  
29.7676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF5133
RGB	255, 81, 51
RGB Percent	100%, 32%, 20%
CMY	0.0000, 0.6823, 0.8000
CMYK	0.00, 0.68, 0.80, 0.00
HSL	9°, 100%, 60%
HSV	9°, 80%, 100%
XYZ	44.7800, 27.3839, 6.0574
YIQ	129.6060, 113.3340, 27.5580

# Conversions

## Conversions Part 2

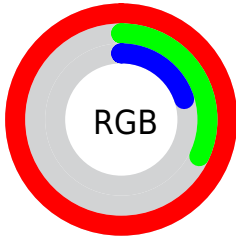
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 86, 51
Decimal	16732467
CIE <sub>Lab</sub>	59.33, 64.37, 53.53
CIE <sub>LCh</sub>	59, 83.716, 39.746
Yxy	27.3855, 0.5725, 0.3501
Android (android.graphics.Color)	4294922547 (0xFFFF5133)
YUV	129.6060, -38.7528, 109.9705
Hunter-Lab	52.3296, 61.1709, 29.7676

# Details

The HunterLab color **52.3296, 61.1709, 29.7676** 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 **78.5927, -32.2956, -23.5082**, and the grayscale version is **47.2103, -2.5190, 2.5650**.

A 20% lighter version of the original color is **63.7537, 36.1865, 28.7058**, and **33.0898, 56.6739, 21.3305** is the 20% darker color. If you saturate the color by 10%, you get **49.4846, 68.5041, 30.5553**, and if you desaturate by 10%, it is **56.0728, 52.7264, 28.1481**.

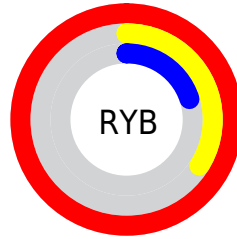
# Distribution



Red (100%)

Green (32%)

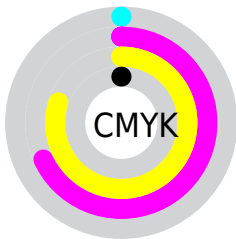
Blue (20%)



Red (100%)

Yellow (34%)

Blue (20%)

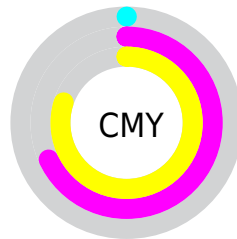


Cyan (0%)

Magenta (68%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (68%)


Yellow (80%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3296, 61.1709, 29.7676 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 52.3296, 61.1709, 29.7676 by changing the saturation by 10% instead.





 52.3296, 61.1709,  
29.7676


 52.3296, 61.1709,  
29.7676


170.1525, 76.4144,  
60.2496


 42.2646, 59.0113,  
25.6420


 74.4996, 65.2106,  
37.4023


 32.9418, 56.8055,  
21.2614


 86.5242, 67.0859,  
40.9735


 24.4278, 54.6304,  
17.0994

 99.1342, 68.8634,  
44.4149

 16.8081, 52.7008,  
11.7657

 112.3034, 70.5463,  
47.7460

 10.2036, 51.6718,  
7.1425

 126.0090, 72.1386,  
50.9830

0.0000, INF, NaN

0.0000, INF, NaN

 140.2308, 73.6446,

54.1389

0.0000, NaN, NaN

154.9508, 75.0685,  
57.2247

0.0000, NaN, NaN

■ 52.3296, 61.1709,  
29.7676

■ 52.3296, 61.1709,  
29.7676

■ 49.4846, 68.5041,  
30.5553

■ 56.0728, 52.7264,  
28.1481

■ 47.5555, 74.1153,  
30.6009

■ 60.6320, 43.7715,  
25.8350

■ 47.5554, 74.1156,  
30.6009

■ 65.9109, 34.7493,  
23.0063

■ 71.8104, 25.9437,  
19.8206

■ 78.2401, 17.5022,  
16.3994

■ 85.1226, 9.4796,  
12.8275

■ 92.3935, 1.8763,  
9.1604

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



52.3311, 83.5425, 12.7448



52.3296, 61.1709, 29.7676



52.3311, 23.1629, 34.5453

# Triad

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



52.3311, 61.1657, 29.7684



52.3311, -52.8948, 20.7924



52.3311, 9.3454, -111.0980

# Complementary

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



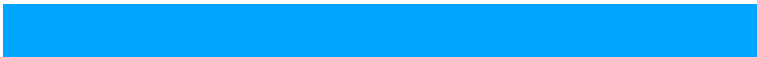
52.3296, 61.1709, 29.7676



78.5927, -32.2956, -23.5082

# 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.



52.3311, -24.5094, -102.9720



52.3296, 61.1709, 29.7676



52.3311, -54.7355, -9.4613

# Square

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



52.3311, 61.1657, 29.7684



52.3311, -39.8635, 32.2964



52.3311, -45.8211, -58.5006



52.3311, 48.7505, -76.3860



# Rectangle

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



52.3296, 61.1709, 29.7676



52.3311, -2.4908, 35.1148



52.3311, -45.8211, -58.5006



52.3311, -3.0986, -113.6320

# Sweetspot

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



52.3311, 61.1657, 29.7684



82.3195, 12.6380, 14.2705



54.0536, 91.6525, -45.4371



36.9553, 7.1749, 7.1898

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.3311, 61.1657, 29.7684



48.2214, 72.1240, 30.6163



73.6357, 12.2173, 43.0660



42.9163, 0.6988, 4.1532



34.5626, 52.9662, 22.2246

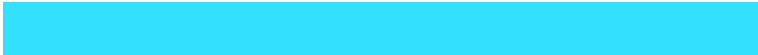


11.3367, 14.7992, 7.2447

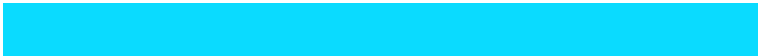


# Inverse Universe

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



78.5927, -32.2956, -23.5082



76.1197, -31.1887, -27.3319



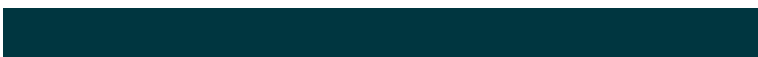
47.7436, 16.8353, -87.7729



44.7203, -5.1618, 0.6188



54.7794, -22.3870, -20.1423



17.4367, -7.4313, -5.7523



# Previews

## White Background



This preview shows how the HunterLab color 52.3296, 61.1709, 29.7676 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 52.3296, 61.1709, 29.7676 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 52.3296, 61.1709, 29.7676 Background



This preview shows how black text looks on a background with the HunterLab color 52.3296, 61.1709, 29.7676.



This preview shows how white text looks on a background with the HunterLab color 52.3296, 61.1709, 29.7676.



# 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

52.3296, 61.1709, 29.7676

### Protanopia

52.3767, -5.9005, 25.9803

### Deuteranopia

52.3822, 3.5576, 30.4508



## Tritanopia

52.2666, 63.8812, 24.2695

# Trichromacy



## Original Color

52.3296, 61.1709, 29.7676

## Protanomaly

50.2495, 18.0425, 25.9020

## Deuteranomaly

50.9080, 24.4378, 29.3539

## Tritanomaly

52.2560, 62.8584, 26.5367

# Monochromacy



## Original Color

52.3296, 61.1709, 29.7676

## Achromatopsia

47.2470, -2.5210, 2.5670

## Achromatomaly

46.5208, 17.6685, 13.2839

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.3296, 61.1709, 29.7676 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(255, 81, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 51)  
}
```

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(255, 81, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 51) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.3296, 61.1709, 29.7676 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(255, 81, 51) }
```



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

```
.border{ border-color:rgb(255, 81, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 81, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
51) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.3296, 61.1709, 29.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 51) }
```

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

```
.background{ background-color: rgb(255, 81,  
51) }
```

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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