

# Converting Colors

HunterLab(51.1852, 65.4851,  
25.6676)

Have a look what the booklet for  
HunterLab(51.1852, 65.4851,  
25.6676) contains.

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# Color

**HunterLab(51.1600, 65.2449,  
25.5616)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FE4848
RGB	254, 72, 72
RGB Percent	100%, 28%, 28%
CMY	0.0039, 0.7176, 0.7176
CMYK	0.00, 0.72, 0.72, 0.00
HSL	0°, 99%, 64%
HSV	0°, 72%, 100%
XYZ	44.3601, 26.1735, 8.8448
YIQ	126.4180, 108.4720, 38.5840

# Conversions

## Conversions Part 2

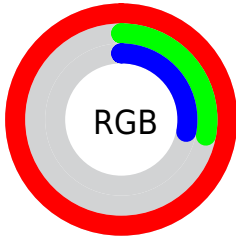
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 72, 72
Decimal	16664648
CIE <sub>Lab</sub>	58.20, 68.00, 41.32
CIE <sub>LCh</sub>	58, 79.572, 31.281
Yxy	26.1750, 0.5588, 0.3297
Android (android.graphics.Color)	4294854728 (0xFFFE4848)
YUV	126.4180, -26.8281, 111.8894
Hunter-Lab	51.1600, 65.2449, 25.5616

# Details

The HunterLab color **51.1600, 65.2449, 25.5616** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **89.1116, -43.7724, -8.2425**, and the grayscale version is **45.9147, -2.4499, 2.4946**.

A 20% lighter version of the original color is **62.5644, 41.5604, 22.1370**, and **33.0120, 56.7738, 19.4735** is the 20% darker color. If you saturate the color by 10%, you get **48.2443, 72.3717, 27.7415**, and if you desaturate by 10%, it is **55.2873, 56.1597, 22.8176**.

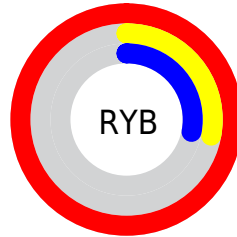
# Distribution



Red (100%)

Green (28%)

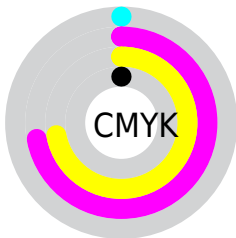
Blue (28%)



Red (100%)

Yellow (28%)

Blue (28%)

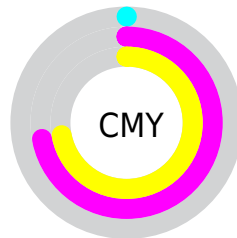


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (72%)


Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1600, 65.2449, 25.5616 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 51.1600, 65.2449, 25.5616 by changing the saturation by 10% instead.




 51.1600, 65.2449,  
25.5616


 51.1600, 65.2449,  
25.5616


168.4162, 81.5331,  
50.1599


 41.1760, 62.9933,  
22.2788


 73.1827, 69.5052,  
31.6443


 31.9408, 60.7239,  
18.7782


 85.1397, 71.4983,  
34.5025


 23.5227, 58.5429,  
15.1780

 97.6851, 73.3951,  
37.2679

 16.0105, 56.7393,  
11.2074

 110.7924, 75.1974,  
39.9564

 9.5304, 56.2023,  
6.6713

 124.4387, 76.9085,  
42.5806

0.0000, INF, NaN

0.0000, INF, NaN

138.6033, 78.5322,

45.1506

0.0000, NaN, NaN

153.2680, 80.0725,  
47.6748

0.0000, NaN, NaN

■ 51.1600, 65.2449,  
25.5616

■ 51.1600, 65.2449,  
25.5616

■ 48.2443, 72.3717,  
27.7415

■ 55.2873, 56.1597,  
22.8176

■ 46.5510, 76.8327,  
29.1135


■ 60.5099, 46.0139,  
19.7944


■ 45.9032, 78.6086,  
29.6615

■ 66.6785, 35.5189,  
16.7222

■ 73.6418, 25.1262,  
13.7415

■ 81.2668, 15.0633,  
10.9189

 89.4439, 5.4126,  
8.2742

 98.0855, -3.8230,  
5.8021

99.9053, -5.6653,  
5.3159

# Harmonies

## Analogous

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



51.1615, 79.4799, 4.1439



51.1600, 65.2449, 25.5616



51.1615, 32.2662, 32.7113

# Triad

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



51.1615, 65.2397, 25.5625



51.1615, -48.0529, 24.4289



51.1615, -1.2758, -105.0782

# Complementary

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



51.1600, 65.2449, 25.5616



89.1116, -43.7724, -8.2425

# 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.



51.1615, -30.2888, -86.1015



51.1600, 65.2449, 25.5616



51.1615, -52.7266, 1.3875

# Square

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



51.1615, 65.2397, 25.5625



51.1615, -32.2128, 32.4177



51.1615, -47.1611, -40.6612



51.1615, 35.4384, -82.8394



# Rectangle

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



51.1600, 65.2449, 25.5616



51.1615, 7.4625, 33.9250



51.1615, -47.1611, -40.6612



51.1615, -12.1870, -103.2536

# Sweetspot

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



51.1615, 65.2397, 25.5625



82.1483, 14.4890, 10.7900



57.3247, 89.8735, -60.0833



36.9946, 7.9730, 5.3446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



51.1615, 65.2397, 25.5625



47.5711, 75.0072, 28.5758



69.0891, 21.5543, 37.6883



42.4114, 1.5781, 3.5920



33.3303, 57.0770, 21.5372



10.4006, 17.8090, 6.7206



# Inverse Universe

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



89.1116, -43.7724, -8.2425



88.9383, -46.2151, -9.0752



58.9303, -1.1749, -58.0456



45.2563, -6.0143, 1.2520



64.1387, -34.0003, -6.7708



20.0137, -10.6095, -2.1125



# Previews

## White Background



This preview shows how the HunterLab color 51.1600, 65.2449, 25.5616 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

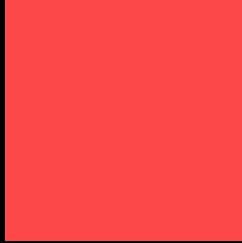
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.1600, 65.2449, 25.5616 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 51.1600, 65.2449, 25.5616 Background



This preview shows how black text looks on a background with the HunterLab color 51.1600, 65.2449, 25.5616.



This preview shows how white text looks on a background with the HunterLab color 51.1600, 65.2449,

25.5616.

# 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

51.1600, 65.2449, 25.5616

### Protanopia

51.2602, -4.6055, 18.7058

### Deuteranopia

51.0986, 3.7962, 26.4306



## Tritanopia

51.1992, 65.4075, 24.9852

# Trichromacy



## Original Color

51.1600, 65.2449, 25.5616

## Protanomaly

48.7529, 20.2652, 19.4304

## Deuteranomaly

49.4440, 26.3522, 24.9316

## Tritanomaly

51.1859, 65.3525, 25.1803

# Monochromacy



## Original Color

51.1600, 65.2449, 25.5616

## Achromatopsia

45.6768, -2.4372, 2.4817

## Achromatomaly

44.9810, 20.4486, 10.1017

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.1600, 65.2449, 25.5616 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(254, 72, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 72, 72)  
}
```

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(254, 72, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 72, 72) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.1600, 65.2449, 25.5616 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(254, 72, 72) }
```



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

```
.border{ border-color:rgb(254, 72, 72) }
```

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

Here you see how a box with a 4 pixel rgb(254, 72, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 72, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 72, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 72,  
72) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.1600, 65.2449, 25.5616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 72, 72) }
```

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

```
.background{ background-color: rgb(254, 72,  
72) }
```

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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