

Converting Colors

HunterLab(51.7144, 51.5881,
30.4306)

Have a look what the booklet for
HunterLab(51.7144, 51.5881,
30.4306) contains.

HunterLab(51.6624, 51.5487, 30.4327)	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(51.6624, 51.5487,
30.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	F35B28
RGB	243, 91, 40
RGB Percent	95%, 36%, 16%
CMY	0.0471, 0.6431, 0.8431
CMYK	0.00, 0.63, 0.84, 0.05
HSL	15°, 89%, 55%
HSV	15°, 84%, 95%
XYZ	41.0862, 26.6900, 4.9937
YIQ	130.6340, 106.9630, 16.3630

Conversions

Conversions Part 2

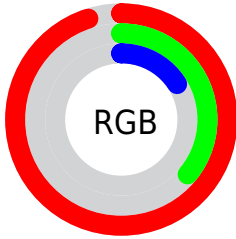
Format	Color
R _Y B	243, 108, 40
Decimal	15948584
CIE Lab	58.69, 56.13, 57.18
CIE LCh	59, 80.124, 45.532
Yxy	26.6916, 0.5646, 0.3668
Android (android.graphics.Color)	4294138664 (0xFFFF35B28)
YUV	130.6340, -44.6826, 98.5450
Hunter-Lab	51.6624, 51.5487, 30.4327

Details

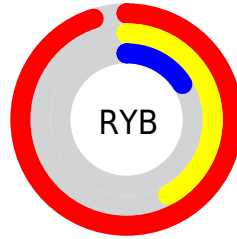
The HunterLab color **51.6624, 51.5487, 30.4327** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **66.7963, -20.9570, -34.4718**, and the grayscale version is **47.6392, -2.5419, 2.5883**.

A 20% lighter version of the original color is **65.4718, 31.3370, 32.1325**, and **32.5018, 47.9114, 20.8662** is the 20% darker color. If you saturate the color by 10%, you get **48.8180, 58.7185, 30.5281**, and if you desaturate by 10%, it is **55.1443, 43.9371, 29.4852**.

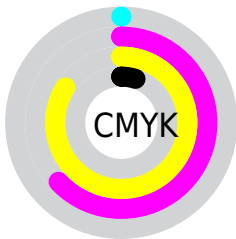
Distribution



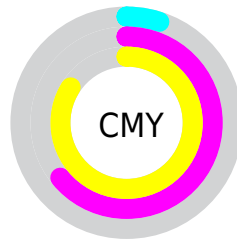
- Red (95%)
- Green (36%)
- Blue (16%)



- Red (95%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (63%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6624, 51.5487, 30.4327 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 51.6624, 51.5487, 30.4327 by changing the saturation by 10% instead.

51.6624, 51.5487,
30.4327

51.6624, 51.5487,
30.4327

169.1628, 64.5673,
62.7890

41.6434, 49.6072,
26.0393

73.7486, 55.1058,
38.5644

32.3704, 47.5836,
21.4399

85.7347, 56.7300,
42.3640

23.9109, 45.5225,
16.7376

98.3079, 58.2548,
46.0214

16.3522, 43.5667,
11.4466

111.4420, 59.6855,
49.5574

9.8183, 42.1808,
6.8728

125.1138, 61.0273,
52.9890

0.0000, INF, NaN

0.0000, INF, NaN

139.3031, 62.2851,

56.3306

0.0000, NaN, NaN

153.9916, 63.4636,
59.5939

0.0000, NaN, NaN

■ 51.6624, 51.5487,
30.4327

■ 51.6624, 51.5487,
30.4327

■ 48.8180, 58.7185,
30.5281

■ 55.1443, 43.9371,
29.4852

■ 47.3269, 62.8905,
30.2636

■ 59.2037, 36.2574,
27.7384


■ 63.7783, 28.7541,
25.3069


■ 68.8046, 21.5751,
22.3153

■ 74.2247, 14.7903,
18.8765

 79.9876, 8.4185,
15.0836

 86.0502, 2.4470,
11.0098

 92.3758, -3.1526,
6.7106

 98.8122, -9.0869,
3.9614

Harmonies

Analogous

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



51.6639, 76.6265, 16.8601



51.6624, 51.5487, 30.4327



51.6639, 14.6292, 34.0697

Triad

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



51.6639, 51.5440, 30.4334



51.6639, -52.0854, 16.0737



51.6639, 15.9599, -100.3176

Complementary

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



51.6624, 51.5487, 30.4327



66.7963, -20.9570, -34.4718

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.



51.6639, -18.1146, -101.0850



51.6624, 51.5487, 30.4327



51.6639, -51.9038, -16.7913

Square

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



51.6639, 51.5440, 30.4334



51.6639, -41.6605, 30.1769



51.6639, -41.0767, -64.2665



51.6639, 52.7331, -62.5705

Rectangle

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



51.6624, 51.5487, 30.4327



51.6639, -8.9187, 34.3248



51.6639, -41.0767, -64.2665



51.6639, 3.7027, -105.4557

Sweetspot

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



51.6639, 51.5440, 30.4334



83.5396, 9.8915, 16.5650



49.3853, 84.4041, -28.1366



37.6476, 5.6610, 8.3261

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.6639, 51.5440, 30.4334



49.9352, 66.6000, 31.9358



75.5095, 0.8287, 44.9667



41.4234, 0.0641, 4.3461



35.3171, 45.8179, 22.5643



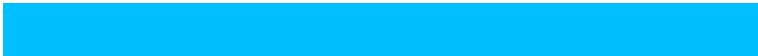
11.1956, 11.4994, 7.1000

Inverse Universe

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



66.7963, -20.9570, -34.4718



66.6700, -18.5084, -43.3774



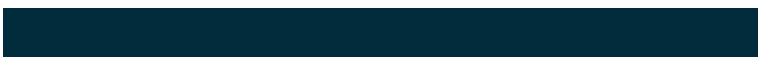
37.8970, 31.5214, -108.7555



42.4398, -4.3517, 0.1703



47.0379, -13.3801, -29.9096



14.5156, -4.7701, -7.8460

Previews

White Background



This preview shows how the HunterLab color 51.6624, 51.5487, 30.4327 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 51.6624, 51.5487, 30.4327 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 51.6624, 51.5487, 30.4327 Background



This preview shows how black text looks on a background with the HunterLab color 51.6624, 51.5487, 30.4327.



This preview shows how white text looks on a background with the HunterLab color 51.6624, 51.5487,

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

51.6624, 51.5487, 30.4327

Protanopia

51.8383, -6.6426, 27.9739

Deuteranopia

51.6641, 3.7724, 31.0301



Tritanopia

51.7913, 57.1257, 21.5831

Trichromacy



Original Color

51.6624, 51.5487, 30.4327

Protanomaly

50.1977, 13.8634, 27.8715

Deuteranomaly

50.5985, 21.0156, 30.1844

Tritanomaly

51.6531, 54.6366, 25.7476

Monochromacy



Original Color

51.6624, 51.5487, 30.4327

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.0566, 14.2406, 14.6861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6624, 51.5487, 30.4327 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(243, 91, 40)` looks like.

```
.text, #text, p{  
    color:rgb(243, 91, 40)  
}
```

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(243, 91, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 91, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6624, 51.5487, 30.4327 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(243, 91, 40) }
```


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

```
.border{ border-color:rgb(243, 91, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 91, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 91, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 91, 40);  
box-shadow:4px 4px 4px 4px rgb(243, 91,  
40) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6624, 51.5487, 30.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 91, 40) }
```

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

```
.background{ background-color: rgb(243, 91,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor