

# Converting Colors

HunterLab(42.7638, 65.1042,  
26.0525)

Have a look what the booklet for  
HunterLab(42.7638, 65.1042,  
26.0525) contains.

<b>HunterLab(42.7649, 65.0904, 26.0534)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(42.7649, 65.0904,  
26.0534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6261B
RGB	230, 38, 27
RGB Percent	90%, 15%, 11%
CMY	0.0980, 0.8509, 0.8941
CMYK	0.00, 0.83, 0.88, 0.10
HSL	3°, 80%, 50%
HSV	3°, 88%, 90%
XYZ	33.5241, 18.2884, 2.8000
YIQ	94.1540, 117.9630, 37.2830

# Conversions

## Conversions Part 2

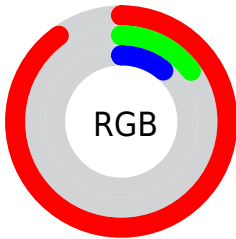
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 39, 27
Decimal	15083035
CIE <sub>Lab</sub>	49.85, 69.46, 54.49
CIE <sub>LCh</sub>	50, 88.281, 38.115
Yxy	18.2895, 0.6138, 0.3349
Android (android.graphics.Color)	4293273115 (0xFFE6261B)
YUV	94.1540, -33.1069, 119.1369
Hunter-Lab	42.7649, 65.0904, 26.0534

# Details

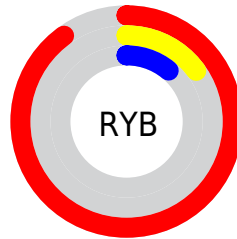
The HunterLab color **42.7649, 65.0904, 26.0534** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **75.2324, -36.6052, -13.2814**, and the grayscale version is **33.6057, -1.7931, 1.8259**.

A 20% lighter version of the original color is **56.2749, 52.0597, 28.5745**, and **28.2831, 48.4357, 18.2759** is the 20% darker color. If you saturate the color by 10%, you get **41.4852, 68.7204, 26.6018**, and if you desaturate by 10%, it is **45.0122, 59.2809, 24.7991**.

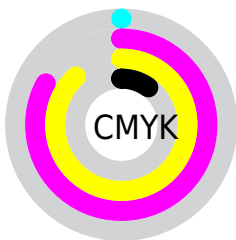
# Distribution



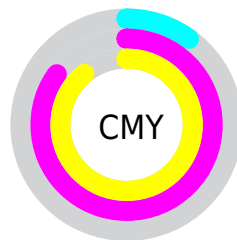
- Red (90%)
- Green (15%)
- Blue (11%)



- Red (90%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (83%)
- Yellow (88%)
- Black (10%)



- Cyan (10%)
- Magenta (85%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.7649, 65.0904, 26.0534 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 42.7649, 65.0904, 26.0534 by changing the saturation by 10% instead.





 42.7649, 65.0904,  
26.0534


 42.7649, 65.0904,  
26.0534


155.7234, 82.4012,  
58.0730


 33.4037, 62.7910,  
21.6190


 63.6632, 69.5554,  
34.1973

 24.8460, 60.5760,  
17.3922

 75.1052, 71.6685,  
37.9746

 17.1776, 58.7026,  
12.0243


 87.1607, 73.6873,  
41.5961

 10.5169, 57.9447,  
7.3618

 99.8001, 75.6108,  
45.0860

0.0000, INF, NaN

0.0000, INF, NaN

 112.9975, 77.4406,  
48.4638

0.0000, NaN, NaN


 126.7303, 79.1798,


0.0000, NaN, NaN


51.7457


0.0000, NaN, NaN


 140.9782, 80.8321,  
54.9451


 42.7649, 65.0904,  
26.0534


 42.7649, 65.0904,  
26.0534


 41.4852, 68.7204,  
26.6018


 45.0122, 59.2809,  
24.7991

 41.3494, 69.1038,  
26.6891

 48.2357, 51.8316,  
22.8818

 52.3666, 43.4158,  
20.4984

 57.2963, 34.6265,  
17.8514

 62.9081, 25.8674,  
15.0967

■ 69.0945, 17.3620,  
12.3332

■ 75.7643, 9.2062,  
9.6146

■ 82.8427, 1.4198,  
6.9649

■ 90.2696, -6.0166,  
4.3905

# Harmonies

## Analogous

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



42.7662, 87.5036, 10.4584



42.7649, 65.0904, 26.0534



42.7662, 25.9919, 29.5466

# Triad

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



42.7662, 65.0853, 26.0541



42.7662, -48.7221, 20.0489



42.7662, 7.6994, -123.1179

# Complementary

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



42.7649, 65.0904, 26.0534



75.2324, -36.6052, -13.2814

# 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.



42.7662, -24.7083, -110.9376



42.7649, 65.0904, 26.0534



42.7662, -50.7909, -7.7987

# Square

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



42.7662, 65.0853, 26.0541



42.7662, -36.5655, 28.3214



42.7662, -43.5808, -59.5623



42.7662, 48.0446, -85.6718



# Rectangle

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



42.7649, 65.0904, 26.0534



42.7662, -0.0345, 29.9364



42.7662, -43.5808, -59.5623



42.7662, -4.4883, -125.0370

# Sweetspot

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



42.7662, 65.0853, 26.0541



79.2160, 17.5462, 13.2134



47.7139, 88.3016, -53.0608



35.4786, 9.6261, 6.6105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



42.7662, 65.0853, 26.0541



46.4433, 77.8212, 29.9805



59.3853, 22.3576, 35.9490



38.0694, 1.0823, 3.3795



31.2003, 51.6989, 20.1305



8.7401, 13.2007, 5.6167



# Inverse Universe

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



75.2324, -36.6052, -13.2814



83.8002, -41.1005, -16.0188



43.5726, 10.8198, -74.8277



40.2433, -5.0599, 0.9239



56.1607, -27.5970, -10.6220



15.4011, -7.6660, -2.7014



# Previews

## White Background



This preview shows how the HunterLab color 42.7649, 65.0904, 26.0534 looks on a white 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



# Black Background



This preview shows how the HunterLab color 42.7649, 65.0904, 26.0534 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 42.7649, 65.0904, 26.0534 Background



This preview shows how black text looks on a background with the HunterLab color 42.7649, 65.0904, 26.0534.



This preview shows how white text looks on a background with the HunterLab color 42.7649, 65.0904,



# 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

42.7649, 65.0904, 26.0534

### Protanopia

43.1381, -5.7147, 23.0693

### Deuteranopia

42.8831, 2.6583, 26.4709



## Tritanopia

42.7405, 65.5221, 25.2777

# Trichromacy



## Original Color

42.7649, 65.0904, 26.0534

## Protanomaly

39.7204, 21.0617, 22.1071

## Deuteranomaly

40.4732, 27.1031, 24.9932

## Tritanomaly

42.7205, 65.4444, 25.5734

# Monochromacy



## Original Color

42.7649, 65.0904, 26.0534

## Achromatopsia

33.4563, -1.7851, 1.8177

## Achromatomaly

33.4356, 20.9369, 10.6945

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.7649, 65.0904, 26.0534 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(230, 38, 27)` looks like.

```
.text, #text, p{  
  color:rgb(230, 38, 27)  
}
```

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(230, 38, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 38, 27) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.7649, 65.0904, 26.0534 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(230, 38, 27) }
```



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

```
.border{ border-color:rgb(230, 38, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 38, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 38, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 38, 27);  
box-shadow:4px 4px 4px 4px rgb(230, 38,  
27) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.7649, 65.0904, 26.0534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 38, 27) }
```

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

```
.background{ background-color: rgb(230, 38,  
27) }
```

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**