

# Converting Colors

HunterLab(14.4298, 25.1992,  
5.5437)

Have a look what the booklet for  
HunterLab(14.4298, 25.1992,  
5.5437) contains.

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# Color

**HunterLab(14.4790, 25.2805,  
5.5984)**

# Conversions

Conversions Part 1	
Format	Color
Hex	570019
RGB	87, 0, 25
RGB Percent	34%, 0%, 10%
CMY	0.6588, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.71, 0.66
HSL	343°, 100%, 17%
HSV	343°, 100%, 34%
XYZ	4.1059, 2.0964, 1.1079
YIQ	28.8630, 43.8270, 26.2190

# Conversions

## Conversions Part 2

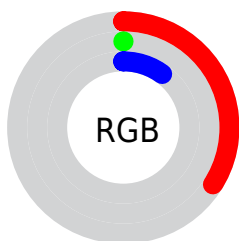
Format	Color
<a href="#">RYB</a>	<a href="#">87, 0, 25</a>
Decimal	<a href="#">5701657</a>
CIELab	<a href="#">15.99, 37.57, 11.81</a>
CIELCh	<a href="#">16, 39.382, 17.448</a>
Yxy	<a href="#">2.0965, 0.5617, 0.2868</a>
Android (android.graphics.Color)	<a href="#">4283891737</a> (0xFF570019)
YUV	<a href="#">28.8630, -1.9045, 50.9861</a>
Hunter-Lab	<a href="#">14.4790, 25.2805, 5.5984</a>

# Details

The HunterLab color **14.4790, 25.2805, 5.5984** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26.7661, -18.3118, 6.0754**, and the grayscale version is **11.0392, -0.5890, 0.5998**.

A 20% lighter version of the original color is **29.9941, 28.5228, 8.1712**, and **5.8504, 10.0565, 3.4900** is the 20% darker color. If you saturate the color by 10%, you get **14.4789, 25.2802, 5.5993**, and if you desaturate by 10%, it is **15.2158, 23.5223, 4.6823**.

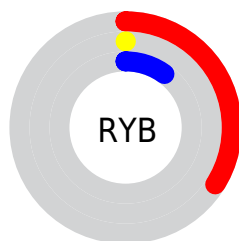
# Distribution



Red (34%)

Green (0%)

Blue (10%)



Red (34%)

Yellow (0%)

Blue (10%)

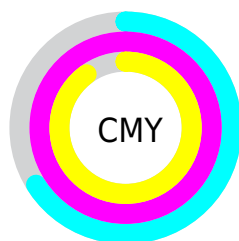


Cyan (0%)

Magenta (100%)

Yellow (71%)

Black (66%)



Cyan (66%)

Magenta (100%)











Yellow (90%)

# Brightness & Saturation Gradients


These gradients show how the HunterLab color 14.4790, 25.2805, 5.5984 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 14.4790, 25.2805, 5.5984 by changing the saturation by 10% instead.





 14.4790, 25.2805, 5.5984	 14.4790, 25.2805, 5.5984
 107.8395, 36.3279, 16.9501	 8.1405, 24.3958, 5.6984
 30.0014, 28.5326, 8.3238	0.0000, INF, NaN
 39.0619, 29.9857, 9.5955	0.0000, NaN, NaN
 48.8860, 31.3115, 10.8390	0.0000, NaN, NaN
 59.4186, 32.5177, 12.0668	0.0000, NaN, NaN
 70.6147, 33.6138, 13.2870	0.0000, NaN, NaN
 82.4373, 34.6089,	0.0000, NaN, NaN


14.5052


 94.8546, 35.5111,  
15.7253


 14.4790, 25.2805,  
5.5984


 14.4790, 25.2805,  
5.5984


 14.4789, 25.2802,  
5.5993

 15.2158, 23.5223,  
4.6823

 16.0497, 21.7104,  
3.6815

 17.1715, 19.3203,  
2.8266

 18.5620, 16.5335,  
2.1601

 20.1905, 13.5271,  
1.6906

■ 22.0243, 10.4321,  
1.4065

■ 24.0333, 7.3320,  
1.2863

■ 26.1916, 4.2732,  
1.3060

■ 28.4776, 1.2772,  
1.4429

# Harmonies

## Analogous

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



14.4795, 26.0363, -4.2741



14.4790, 25.2805, 5.5984



14.4795, 16.3895, 10.1356

# Triad

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



14.4795, 25.2787, 5.5987



14.4795, -13.2467, 9.8694



14.4795, -5.0701, -35.5493

# Complementary

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



14.4790, 25.2805, 5.5984



26.7661, -18.3118, 6.0754

# 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.



14.4795, -12.4364, -23.0852



14.4790, 25.2805, 5.5984



14.4795, -16.1710, 4.4996

# Square

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



14.4795, 25.2787, 5.5987



14.4795, -6.5603, 10.1356



14.4795, -15.9089, -6.5938



14.4795, 6.0948, -34.2858



# Rectangle

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



14.4790, 25.2805, 5.5984



14.4795, 8.2168, 10.1356



14.4795, -15.9089, -6.5938



14.4795, -7.9947, -32.5842

# Sweetspot

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



14.4795, 25.2787, 5.5987



31.1316, 9.9705, 1.6872



12.9508, 27.4890, -32.8180



15.0488, 5.4193, 0.8458



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



14.4795, 25.2787, 5.5987



18.8771, 32.8869, 7.8628



15.6199, 19.9448, 9.9734



14.5883, 0.4649, 0.7438



17.9714, 31.3204, 7.3977



42.4314, 73.6315, 19.9265



# Inverse Universe

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



14.4795, 25.2787, 5.5987



18.8771, 32.8869, 7.8628



22.4025, -8.2441, -10.2035



14.5883, 0.4649, 0.7438



17.9714, 31.3204, 7.3977

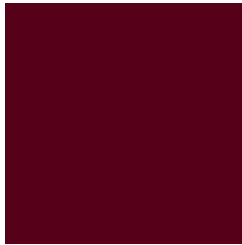


42.4314, 73.6315, 19.9265



# Previews

## White Background



This preview shows how the HunterLab color 14.4790, 25.2805, 5.5984 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

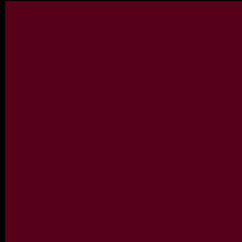
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 14.4790, 25.2805, 5.5984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

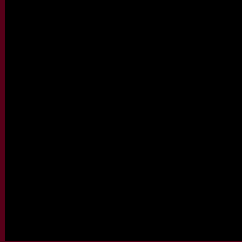
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## HunterLab 14.4790, 25.2805, 5.5984 Background



This preview shows how black text looks on a background with the HunterLab color 14.4790, 25.2805, 5.5984.



This preview shows how white text looks on a background with the HunterLab color 14.4790, 25.2805,



# 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

14.4790, 25.2805, 5.5984

### Protanopia

15.9351, -0.9251, 3.2907

### Deuteranopia



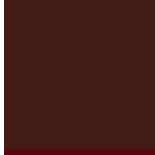

15.8817, 0.7421, 7.1507




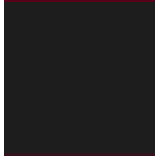

## Tritanopia

15.0361, 22.1560, 8.7472

# Trichromacy

	<b>Original Color</b> 14.4790, 25.2805, 5.5984
	<b>Protanomaly</b> 14.0159, 9.5574, 2.7172
	<b>Deuteranomaly</b> 14.2656, 10.7146, 5.8233
	<b>Tritanomaly</b> 14.7925, 23.2841, 7.8575

# Monochromacy

	<b>Original Color</b> 14.4790, 25.2805, 5.5984
	<b>Achromatopsia</b> 11.0844, -0.5914, 0.6022
	<b>Achromatomaly</b> 10.9296, 9.3117, 0.9382

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 14.4790, 25.2805, 5.5984 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(87, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 25)  
}
```

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(87, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 25) }
```

## Border

The CSS property to change the border of an element to HunterLab 14.4790, 25.2805, 5.5984 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(87, 0, 25) }
```



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

```
.border{ border-color:rgb(87, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(87, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 0, 25); box-shadow:4px  
4px 4px 4px rgb(87, 0, 25) }
```

# Background

The CSS property to change the background color of an element to HunterLab 14.4790, 25.2805, 5.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 25) }
```

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

```
.background{ background-color: rgb(87, 0,  
25) }
```

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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