

# Converting Colors

HunterLab(15.1734, 24.4734,  
9.2965)

Have a look what the booklet for  
HunterLab(15.1734, 24.4734,  
9.2965) contains.

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# Color

**HunterLab(15.2307, 24.6754,  
9.3699)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B0404
RGB	91, 4, 4
RGB Percent	36%, 2%, 2%
CMY	0.6431, 0.9843, 0.9843
CMYK	0.00, 0.96, 0.96, 0.64
HSL	0°, 92%, 19%
HSV	0°, 96%, 36%
XYZ	4.3797, 2.3197, 0.3318
YIQ	30.0130, 51.8520, 18.4440

# Conversions

## Conversions Part 2

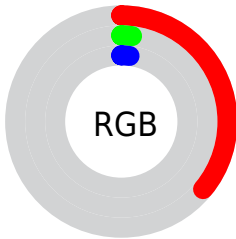
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 4, 4
Decimal	5964804
CIE Lab	17.08, 36.65, 24.71
CIE LCh	17, 44.204, 33.984
Yxy	2.3199, 0.6229, 0.3299
Android (android.graphics.Color)	4284154884 (0xFF5B0404)
YUV	30.0130, -12.8244, 53.4856
Hunter-Lab	15.2307, 24.6754, 9.3699

# Details

The HunterLab color **15.2307, 24.6754, 9.3699** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **28.7438, -15.0358, -2.9670**, and the grayscale version is **11.4267, -0.6097, 0.6208**.

A 20% lighter version of the original color is **30.9075, 27.6380, 13.9548**, and **6.4363, 11.0564, 3.8951** is the 20% darker color. If you saturate the color by 10%, you get **14.9140, 25.5380, 9.6371**, and if you desaturate by 10%, it is **15.9500, 22.8165, 8.7997**.

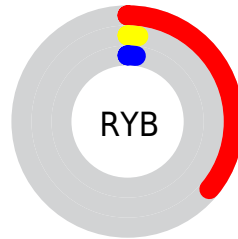
# Distribution



Red (36%)

Green (2%)

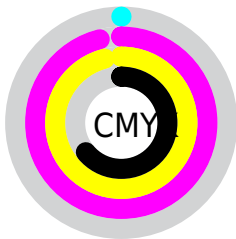
Blue (2%)



Red (36%)

Yellow (2%)

Blue (2%)

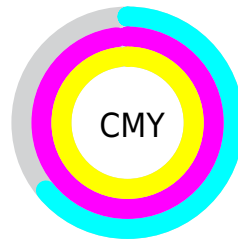


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (64%)



Cyan (64%)

Magenta (98%)


Yellow (98%)


# Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.2307, 24.6754, 9.3699 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 15.2307, 24.6754, 9.3699 by changing the saturation by 10% instead.




 15.2307, 24.6754,  
9.3699

 15.2307, 24.6754,  
9.3699


 109.2984, 35.3133,  
27.8373

 8.8555, 23.1867,  
6.1989


 30.9567, 27.8466,  
13.8943

0.0000, INF, NaN

0.0000, NaN, NaN


 40.1041, 29.2494,  
16.1226

0.0000, NaN, NaN


 50.0085, 30.5250,  
18.2330

0.0000, NaN, NaN

0.0000, NaN, NaN

 60.6159, 31.6823,  
20.2567

0.0000, NaN, NaN


 71.8825, 32.7311,  
22.2155


0.0000, NaN, NaN


 83.7718, 33.6806,


0.0000, NaN, NaN


24.1246


 96.2527, 34.5389,  
25.9957


 15.2307, 24.6754,  
9.3699


 15.2307, 24.6754,  
9.3699


 14.9140, 25.5380,  
9.6371

 15.9500, 22.8165,  
8.7997

 16.9250, 20.4980,  
8.0933

 18.2226, 17.7114,  
7.2531

 19.8118, 14.6733,  
6.3497

 21.6544, 11.5541,  
5.4373

■ 23.7129, 8.4632,  
4.5498

■ 25.9540, 5.4587,  
3.7045

■ 28.3498, 2.5646,  
2.9073

■ 30.8773, -0.2155,  
2.1578

# Harmonies

## Analogous

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



15.2312, 31.3368, 2.3333



15.2307, 24.6754, 9.3699



15.2312, 11.2252, 10.6618

# Triad

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



15.2312, 24.6735, 9.3702



15.2312, -16.9529, 7.9225



15.2312, 0.8923, -44.1489

# Complementary

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



15.2307, 24.6754, 9.3699



28.7438, -15.0358, -2.9670

# 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.



15.2312, -9.9859, -37.3431



15.2307, 24.6754, 9.3699



15.2312, -18.2038, -0.8462

# Square

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



15.2312, 24.6735, 9.3702



15.2312, -12.0529, 10.6618



15.2312, -16.0569, -18.2829



15.2312, 15.0806, -32.9160



# Rectangle

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



15.2307, 24.6754, 9.3699



15.2312, 1.7879, 10.6618



15.2312, -16.0569, -18.2829



15.2312, -3.2512, -43.9271

# Sweetspot

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



15.2312, 24.6735, 9.3702



32.6527, 8.8069, 5.3107



17.5108, 33.0266, -22.1435



15.6654, 4.8533, 2.7584



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297



# Same Dimension

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



15.2312, 24.6735, 9.3702



19.5011, 33.3935, 12.6011



20.7512, 9.9024, 12.6319



15.3239, 0.3427, 1.2216



18.1460, 31.0729, 11.7255



42.4627, 72.7161, 27.4383



# Inverse Universe

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



28.7438, -15.0358, -2.9670



37.5257, -19.8924, -3.9619



16.8949, 1.8658, -24.2903



16.1878, -1.9622, 0.5112



34.9181, -18.5101, -3.6866

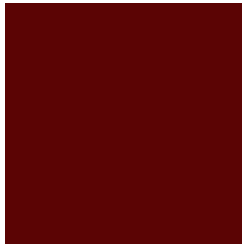


81.7113, -43.3149, -8.6276



# Previews

## White Background



This preview shows how the HunterLab color 15.2307, 24.6754, 9.3699 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

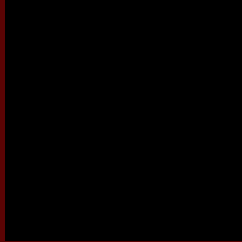
Any Text WCAG AA × Fail

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 15.2307, 24.6754, 9.3699 Background



This preview shows how black text looks on a background with the HunterLab color 15.2307, 24.6754, 9.3699.



This preview shows how white text looks on a background with the HunterLab color 15.2307, 24.6754,



# 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

15.2307, 24.6754, 9.3699

### Protanopia

16.4715, -2.1034, 8.7423

### Deuteranopia

16.4344, -0.0254, 10.1264



## Tritanopia

15.3210, 23.3245, 9.8491

# Trichromacy



## Original Color

15.2307, 24.6754, 9.3699

## Protanomaly

14.6974, 8.1828, 8.0413

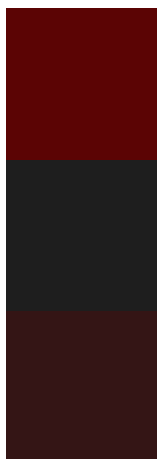
## Deuteranomaly

14.7750, 10.0325, 9.1647

## Tritanomaly

15.2572, 23.5830, 9.7027

# Monochromacy



## Original Color

15.2307, 24.6754, 9.3699

## Achromatopsia

11.3943, -0.6080, 0.6191

## Achromatomaly

11.4915, 8.1558, 3.5633

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.2307, 24.6754, 9.3699 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(91, 4, 4)` looks like.

```
.text, #text, p{  
    color:rgb(91, 4, 4)  
}
```

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(91, 4, 4) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 15.2307, 24.6754, 9.3699 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(91, 4, 4) }
```



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

```
.border{ border-color:rgb(91, 4, 4) }
```

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

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

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

# Background

The CSS property to change the background color of an element to HunterLab 15.2307, 24.6754, 9.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 4, 4) }
```

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

```
.background{ background-color: rgb(91, 4,  
4) }
```

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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