

# Converting Colors

HunterLab(17.4548, 26.0877,  
4.4576)

Have a look what the booklet for  
HunterLab(17.4548, 26.0877,  
4.4576) contains.

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# Color

**HunterLab(17.5041, 26.2402,  
4.4456)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	620E28
RGB	98, 14, 40
RGB Percent	38%, 5%, 16%
CMY	0.6157, 0.9451, 0.8431
CMYK	0.00, 0.86, 0.59, 0.62
HSL	341°, 75%, 22%
HSV	341°, 86%, 38%
XYZ	5.5770, 3.0639, 2.3049
YIQ	42.0800, 41.7180, 25.8940

# Conversions

## Conversions Part 2

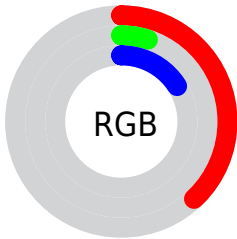
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 14, 40
Decimal	6426152
CIE <sub>Lab</sub>	20.30, 37.83, 7.26
CIE <sub>LCh</sub>	20, 38.524, 10.859
Yxy	3.0641, 0.5095, 0.2799
Android (android.graphics.Color)	4284616232 (0xFF620E28)
YUV	42.0800, -1.0254, 49.0418
Hunter-Lab	17.5041, 26.2402, 4.4456

# Details

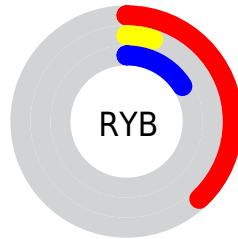
The HunterLab color **17.5041, 26.2402, 4.4456** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **30.4905, -19.8790, 6.5162**, and the grayscale version is **15.2371, -0.8130, 0.8279**.

A 20% lighter version of the original color is **33.8268, 29.3690, 6.2943**, and **8.1077, 13.9388, 4.8200** is the 20% darker color. If you saturate the color by 10%, you get **16.7305, 27.9128, 5.6381**, and if you desaturate by 10%, it is **18.5616, 23.9478, 3.3450**.

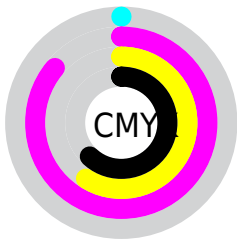
# Distribution



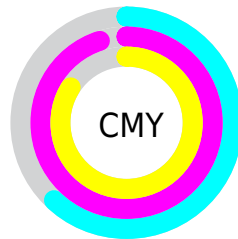
- Red (38%)
- Green (5%)
- Blue (16%)



- Red (38%)
- Yellow (5%)
- Blue (16%)



- Cyan (0%)
- Magenta (86%)
- Yellow (59%)
- Black (62%)



- Cyan (62%)
- Magenta (95%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.5041, 26.2402, 4.4456 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 17.5041, 26.2402, 4.4456 by changing the saturation by 10% instead.



■ 17.5041, 26.2402,  
4.4456

■ 17.5041, 26.2402,  
4.4456

■ 113.6089, 36.9758,  
13.2759

■ 10.7949, 24.5625,  
3.5250

■ 33.8113, 29.4250,  
6.3797

■ 1.8190, 91.0427,  
1.2733

■ 43.2088, 30.8330,  
7.3351

0.0000, NaN, NaN

■ 53.3446, 32.1165,  
8.2950

0.0000, NaN, NaN

■ 64.1683, 33.2844,  
9.2640

0.0000, NaN, NaN

■ 75.6388, 34.3461,  
10.2450

0.0000, NaN, NaN


■ 87.7215, 35.3101,


0.0000, NaN, NaN


11.2399


0.0000, NaN, NaN


 100.3867, 36.1844,  
12.2499


 17.5041, 26.2402,  
4.4456


 17.5041, 26.2402,  
4.4456


 16.7305, 27.9128,  
5.6381


 18.5616, 23.9478,  
3.3450

 16.4075, 28.6800,  
6.0940

 19.9508, 21.0299,  
2.4596

 21.6416, 17.7133,  
1.8188

 23.5962, 14.1919,  
1.4183

 25.7771, 10.6020,  
1.2346

■ 28.1505, 7.0261,  
1.2374

■ 30.6877, 3.5075,  
1.3964

■ 33.3650, 0.0646,  
1.6849

■ 36.1632, -3.2991,  
2.0804

# Harmonies

## Analogous

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



17.5046, 24.9834, -7.3633



17.5041, 26.2402, 4.4456



17.5046, 18.9376, 9.9336

# Triad

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



17.5046, 26.2384, 4.4460



17.5046, -13.0986, 10.8651



17.5046, -7.5626, -32.4478

# Complementary

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



17.5041, 26.2402, 4.4456



30.4905, -19.8790, 6.5162

# 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.



17.5046, -14.6283, -18.9345



17.5041, 26.2402, 4.4456



17.5046, -17.2122, 6.5070

# Square

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



17.5046, 26.2384, 4.4460



17.5046, -4.8791, 12.2532



17.5046, -17.6892, -3.4523



17.5046, 3.3926, -34.4270



# Rectangle

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



17.5041, 26.2402, 4.4456



17.5046, 11.0792, 11.9334



17.5046, -17.6892, -3.4523



17.5046, -10.3875, -28.8291

# Sweetspot

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



17.5046, 26.2384, 4.4460



36.9191, 9.8039, 1.6271



15.9717, 27.8162, -32.5666



17.6444, 5.3021, 0.7859



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255



# Same Dimension

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



17.5046, 26.2384, 4.4460



21.6796, 37.8167, 8.6622



18.7806, 20.0325, 10.6109



16.1298, 0.5672, 0.7847



18.9145, 33.0245, 7.3162



43.5542, 75.7285, 19.3011



# Inverse Universe

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



17.5046, 26.2384, 4.4460



21.6796, 37.8167, 8.6622



26.6475, -10.1352, -9.4674



16.1298, 0.5672, 0.7847



18.9145, 33.0245, 7.3162

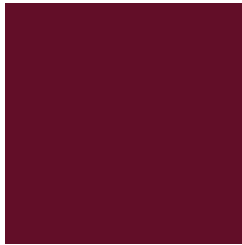


43.5542, 75.7285, 19.3011



# Previews

## White Background



This preview shows how the HunterLab color 17.5041, 26.2402, 4.4456 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

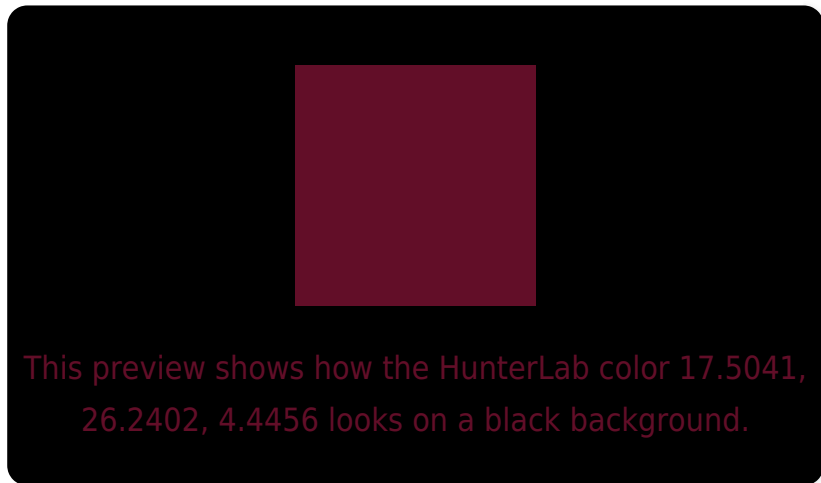
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

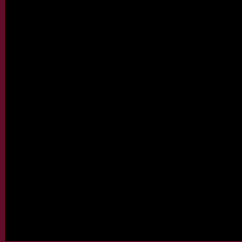
Any Text WCAG AA × Fail

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 17.5041, 26.2402, 4.4456 Background



This preview shows how black text looks on a background with the HunterLab color 17.5041, 26.2402, 4.4456.



This preview shows how white text looks on a background with the HunterLab color 17.5041, 26.2402,



# 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

17.5041, 26.2402, 4.4456

### Protanopia

18.3490, -0.1290, -1.2034

### Deuteranopia

18.2102, 0.8836, 5.8022



## Tritanopia

17.5847, 23.0893, 9.0084

# Trichromacy



## Original Color

17.5041, 26.2402, 4.4456

## Protanomaly

16.8943, 9.2590, -0.4192

## Deuteranomaly

16.8854, 10.5034, 4.4429

## Tritanomaly

17.4732, 24.0132, 7.6689

# Monochromacy



## Original Color

17.5041, 26.2402, 4.4456

## Achromatopsia

15.2162, -0.8119, 0.8267

## Achromatomaly

14.8904, 8.7459, 0.9755

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 17.5041, 26.2402, 4.4456 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(98, 14, 40)` looks like.

```
.text, #text, p{  
    color:rgb(98, 14, 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(98, 14, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 14, 40) }
```

## Border

The CSS property to change the border of an element to HunterLab 17.5041, 26.2402, 4.4456 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(98, 14, 40) }
```



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

```
.border{ border-color:rgb(98, 14, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 14, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 14, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 14, 40);  
box-shadow:4px 4px 4px 4px rgb(98, 14, 40)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 17.5041, 26.2402, 4.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 14, 40) }
```

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

```
.background{ background-color: rgb(98, 14,  
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](#).

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