

# Converting Colors

HunterLab(25.2775, 7.8631,  
10.1243)

Have a look what the booklet for  
HunterLab(25.2775, 7.8631,  
10.1243) contains.

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# Color

**HunterLab(25.2775, 7.8631,  
10.1243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	633F2C
RGB	99, 63, 44
RGB Percent	39%, 25%, 17%
CMY	0.6118, 0.7529, 0.8274
CMYK	0.00, 0.36, 0.56, 0.61
HSL	21°, 38%, 28%
HSV	21°, 56%, 39%
XYZ	7.3777, 6.3895, 3.2273
YIQ	71.5980, 27.5550, 1.7230

# Conversions

## Conversions Part 2

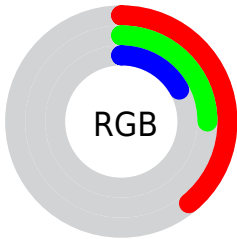
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 73, 44
Decimal	6504236
CIE <sub>Lab</sub>	30.38, 13.39, 18.06
CIE <sub>LCh</sub>	30, 22.486, 53.439
Yxy	6.3898, 0.4341, 0.3760
Android (android.graphics.Color)	4284694316 (0xFF633F2C)
YUV	71.5980, -13.6058, 24.0316
Hunter-Lab	25.2775, 7.8631, 10.1243

# Details

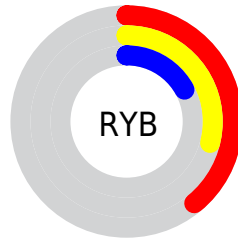
The HunterLab color **25.2775, 7.8631, 10.1243** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26.7831, -5.8204, -9.7296**, and the grayscale version is **25.3542, -1.3528, 1.3775**.

A 20% lighter version of the original color is **43.3387, 8.5036, 13.6209**, and **10.9732, 7.0743, 6.8855** is the 20% darker color. If you saturate the color by 10%, you get **23.7657, 10.0504, 11.0256**, and if you desaturate by 10%, it is **26.8959, 5.8069, 9.0082**.

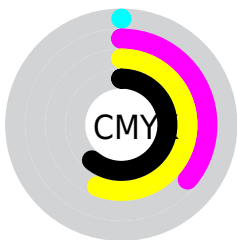
# Distribution



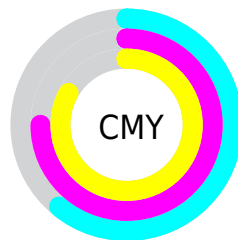
- Red (39%)
- Green (25%)
- Blue (17%)



- Red (39%)
- Yellow (29%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (56%)
- Black (61%)



- Cyan (61%)
- Magenta (75%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.2775, 7.8631, 10.1243 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 25.2775, 7.8631, 10.1243 by changing the saturation by 10% instead.



■ 25.2775, 7.8631,  
10.1243

■ 25.2775, 7.8631,  
10.1243

■ 127.4727, 8.3152,  
24.4830

■ 17.5600, 7.3684,  
8.2001

■ 43.2837, 8.4928,  
13.6079

■ 10.8421, 6.7188,  
7.5895

■ 53.4249, 8.6667,  
15.2422

■ 2.0387, 28.5209,  
1.4271

■ 64.2537, 8.7624,  
16.8333

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.7290, 8.7886,  
18.3940

0.0000, NaN, NaN

■ 87.8163, 8.7520,  
19.9334

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4859, 8.6580,

113.7122, 8.5112,  
22.9735

■ 25.2775, 7.8631,  
10.1243

■ 25.2775, 7.8631,  
10.1243

■ 23.7657, 10.0504,  
11.0256

■ 26.8959, 5.8069,  
9.0082

■ 22.3705, 12.3580,  
11.6815

■ 28.6080, 3.8899,  
7.7051

■ 21.1051, 14.7547,  
12.0657

■ 30.4047, 2.1081,  
6.2415

■ 19.9767, 17.1689,  
12.2351

■ 32.2772, 0.4544,  
4.6401

■ 19.5151, 18.1995,  
12.3438

■ 34.2179, -1.0801,  
2.9199

■ 36.2205, -2.5056,  
1.0970

■ 38.2791, -3.8321,  
-0.8154

■ 40.3889, -5.0692,  
-2.8064

■ 42.5456, -6.2260,  
-4.8671

# Harmonies

## Analogous

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



25.2781, 13.3463, 6.2626



25.2775, 7.8631, 10.1243



25.2781, 0.3250, 11.5881

# Triad

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



25.2781, 7.8618, 10.1246



25.2781, -14.1814, 2.8991



25.2781, 4.6682, -14.7954

# Complementary

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



25.2775, 7.8631, 10.1243



26.7831, -5.8204, -9.7296

# 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.



25.2781, -2.9827, -16.4789



25.2775, 7.8631, 10.1243



25.2781, -13.3056, -4.7359

# Square

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



25.2781, 7.8618, 10.1246



25.2781, -11.9564, 8.2800



25.2781, -9.4067, -12.3687



25.2781, 11.3569, -8.2759



# Rectangle

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



25.2775, 7.8631, 10.1243



25.2781, -4.6266, 11.4380



25.2781, -9.4067, -12.3687



25.2781, 2.1022, -16.0116

# Sweetspot

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



25.2781, 7.8618, 10.1246



41.7946, 1.0008, 6.4951



22.4570, 20.4654, -6.1838



20.2279, 0.6155, 3.2950



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.



25.2781, 7.8618, 10.1246



30.4959, 14.1623, 14.7669



31.8100, -3.8046, 15.0930



16.4815, -0.2879, 1.7181



22.1213, 21.2043, 14.0023



49.6298, 53.1021, 31.5113



# Inverse Universe

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



26.7831, -5.8204, -9.7296



32.8206, -7.4672, -16.4881



19.9946, 5.8222, -22.5810



16.6105, -1.4264, 0.0544



24.4884, -3.8792, -22.2342



55.0893, -6.5846, -54.6425



# Previews

## White Background



This preview shows how the HunterLab color 25.2775, 7.8631, 10.1243 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

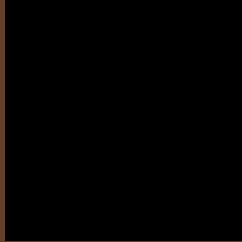
Any Text WCAG AA × Fail

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 25.2775, 7.8631, 10.1243 Background



This preview shows how black text looks on a background with the HunterLab color 25.2775, 7.8631, 10.1243.



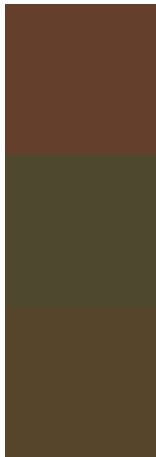
This preview shows how white text looks on a background with the HunterLab color 25.2775, 7.8631,



# 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

25.2775, 7.8631, 10.1243

### Protanopia

25.4159, -2.5330, 9.3432

### Deuteranopia

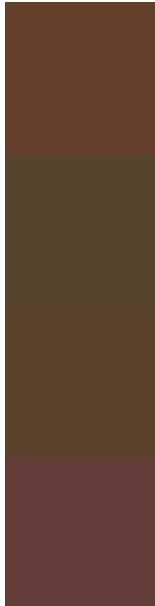
25.4104, 1.1545, 10.3453



## Tritanopia

25.2588, 11.8854, 4.0335

# Trichromacy



## Original Color

25.2775, 7.8631, 10.1243

## Protanomaly

25.3613, 1.0783, 9.6036

## Deuteranomaly

25.3237, 3.3161, 10.3114

## Tritanomaly

25.1838, 10.2415, 6.5842

# Monochromacy



## Original Color

25.2775, 7.8631, 10.1243

## Achromatopsia

25.4565, -1.3583, 1.3831

## Achromatomaly

25.2940, 1.4457, 4.9286

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.2775, 7.8631, 10.1243 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(99, 63, 44)` looks like.

```
.text, #text, p{  
    color:rgb(99, 63, 44)  
}
```

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(99, 63, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 63, 44) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.2775, 7.8631, 10.1243 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(99, 63, 44) }
```



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

```
.border{ border-color:rgb(99, 63, 44) }
```

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

Here you see how a box with a 4 pixel rgb(99, 63, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 63, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 63, 44);  
box-shadow:4px 4px 4px 4px rgb(99, 63, 44)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.2775, 7.8631, 10.1243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 63, 44) }
```

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

```
.background{ background-color: rgb(99, 63,  
44) }
```

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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