

# Converting Colors

HunterLab(42.5173, -2.6648,  
25.9521)

Have a look what the booklet for  
HunterLab(42.5173, -2.6648,  
25.9521) contains.

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# Color

**HunterLab(42.5173, -2.6648,  
25.9521)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8C7405
RGB	140, 116, 5
RGB Percent	55%, 45%, 2%
CMY	0.4510, 0.5451, 0.9804
CMYK	0.00, 0.17, 0.96, 0.45
HSL	49°, 93%, 28%
HSV	49°, 96%, 55%
XYZ	17.0880, 18.0772, 2.7322
YIQ	110.5220, 49.9350, -29.4330

# Conversions

## Conversions Part 2

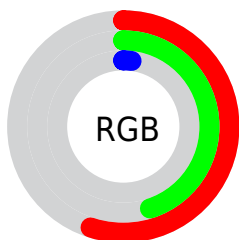
Format	Color
<a href="#">RYB</a>	<a href="#">34, 140, 5</a>
Decimal	<a href="#">9204741</a>
CIELab	<a href="#">49.59, -0.52, 54.53</a>
CIELCh	<a href="#">50, 54.535, 90.544</a>
Yxy	<a href="#">18.0781, 0.4509, 0.4770</a>
Android (android.graphics.Color)	<a href="#">4287394821</a> (0xFF8C7405)
YUV	<a href="#">110.5220, -52.0223, 25.8522</a>
Hunter-Lab	<a href="#">42.5173, -2.6648, 25.9521</a>

# Details

The HunterLab color **42.5173, -2.6648, 25.9521** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **16.7469, 26.4984, -77.0555**, and the grayscale version is **39.8672, -2.1272, 2.1661**.

A 20% lighter version of the original color is **63.4578, -4.1276, 34.2144**, and **24.7238, -0.6350, 15.2236** is the 20% darker color. If you saturate the color by 10%, you get **42.2645, -2.3387, 26.0023**, and if you desaturate by 10%, it is **43.2384, -3.5492, 25.7360**.

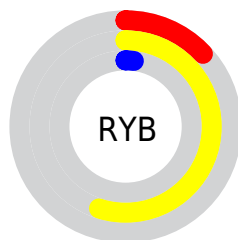
# Distribution



Red (55%)

Green (45%)

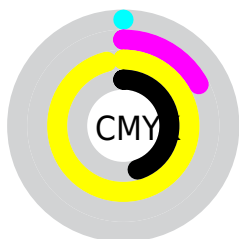
Blue (2%)



Red (13%)

Yellow (55%)

Blue (2%)

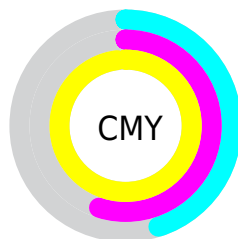


Cyan (0%)

Magenta (17%)

Yellow (96%)

Black (45%)



Cyan (45%)

Magenta (55%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5173, -2.6648, 25.9521 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 42.5173, -2.6648, 25.9521 by changing the saturation by 10% instead.





 42.5173, -2.6648,  
25.9521


 42.5173, -2.6648,  
25.9521

155.3418, -8.9071,  
58.0233


 33.1754, -2.1361,  
21.5075


 63.3801, -3.8374,  
34.1124


 24.6392, -1.6456,  
17.2475

 74.8060, -4.4734,  
37.8965

 16.9949, -1.1987,  
11.8964

 86.8463, -5.1410,  
41.5242

 10.3618, -0.7999,  
7.2533

 99.4712, -5.8386,  
45.0194

0.0000, NaN, NaN

0.0000, NaN, NaN

 112.6547, -6.5650,  
48.4021


0.0000, NaN, NaN


 126.3740, -7.3192,


0.0000, NaN, NaN


51.6884


0.0000, NaN, NaN


 140.6091, -8.1002,  
54.8918


 42.5173, -2.6648,  
25.9521


 42.5173, -2.6648,  
25.9521

 42.2645, -2.3387,  
26.0023

 43.2384, -3.5492,  
25.7360

 43.9948, -4.2645,  
25.0950

 44.7922, -4.7833,  
23.9563

 45.6327, -5.0929,  
22.2921

 46.5174, -5.1858,  
20.0871

■ 47.4468, -5.0578,  
17.3358

■ 48.4213, -4.7080,  
14.0402

■ 49.4405, -4.1377,  
10.2077

■ 50.5040, -3.3504,  
5.8507

# Harmonies

## Analogous

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



42.5183, 20.2655, 24.4045



42.5173, -2.6648, 25.9521



42.5183, -21.4736, 24.2766

# Triad

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



42.5183, -2.6667, 25.9524



42.5183, -32.5805, -23.2159



42.5183, 40.5236, -22.2098

# Complementary

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



42.5173, -2.6648, 25.9521



16.7469, 26.4984, -77.0555

# 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.



42.5183, 21.0909, -48.0552



42.5173, -2.6648, 25.9521



42.5183, -20.9130, -48.8131

# Square

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



42.5183, -2.6667, 25.9524



42.5183, -36.4792, 1.9355



42.5183, -1.8738, -59.6190



42.5183, 48.0401, 2.6898



# Rectangle

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



42.5173, -2.6648, 25.9521



42.5183, -29.9399, 20.6060



42.5183, -1.8738, -59.6190



42.5183, 34.9987, -31.4438

# Sweetspot

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



42.5183, -2.6667, 25.9524



63.8750, -6.4312, 20.1155



24.0345, 40.3825, 12.5271



30.4262, -3.1713, 10.4514



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



42.5183, -2.6667, 25.9524



55.9310, -2.7929, 34.4155



46.1760, -25.2893, 27.8261



23.8670, -1.7043, 3.3679



39.8719, -2.2577, 24.5293



3.5206, -0.6164, 2.1586



# Inverse Universe

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



16.7469, 26.4984, -77.0555



20.9311, 38.9885, -110.3270



16.2005, 37.7067, -80.1589



22.4205, -0.6870, -1.0210



15.2253, 26.3932, -76.0058

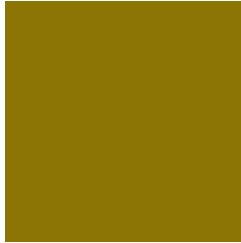


1.7566, 0.7652, -3.8474



# Previews

## White Background



This preview shows how the HunterLab color 42.5173, -2.6648, 25.9521 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

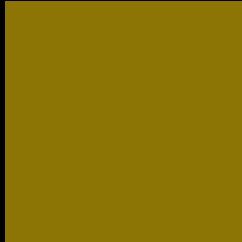
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 42.5173, -2.6648, 25.9521 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 42.5173, -2.6648, 25.9521 Background



This preview shows how black text looks on a background with the HunterLab color 42.5173, -2.6648, 25.9521.



This preview shows how white text looks on a background with the HunterLab color 42.5173, -2.6648,



# 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

42.5173, -2.6648, 25.9521

### Protanopia

42.6562, -6.4055, 25.8930

### Deuteranopia

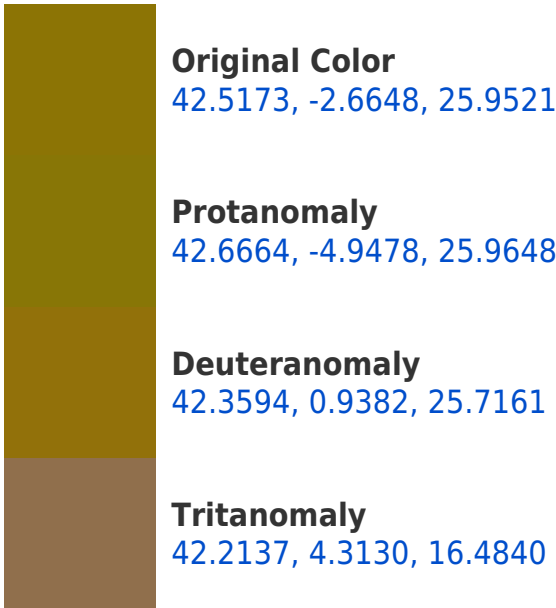
42.4346, 2.5548, 25.6607



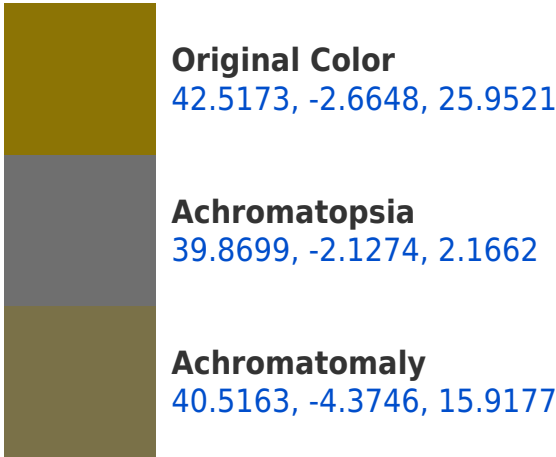
## Tritanopia

42.5407, 11.0219, 3.3778

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.5173, -2.6648, 25.9521 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(140, 116, 5)` looks like.

```
.text, #text, p{  
    color:rgb(140, 116, 5)  
}
```

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(140, 116, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 116, 5) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.5173, -2.6648, 25.9521 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(140, 116, 5) }
```



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

```
.border{ border-color:rgb(140, 116, 5) }
```

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

Here you see how a box with a 4 pixel rgb(140, 116, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 116, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 116, 5);  
box-shadow:4px 4px 4px 4px rgb(140, 116,  
5) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.5173, -2.6648, 25.9521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 116, 5) }
```

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

```
.background{ background-color: rgb(140,  
116, 5) }
```

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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