

# Converting Colors

HunterLab(40.3129, 25.8984,  
-2.4637)

Have a look what the booklet for  
HunterLab(40.3129, 25.8984,  
-2.4637) contains.

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# Color

**HunterLab(40.2691, 25.8448,  
-2.3241)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A05A7B
RGB	160, 90, 123
RGB Percent	63%, 35%, 48%
CMY	0.3725, 0.6470, 0.5176
CMYK	0.00, 0.44, 0.23, 0.37
HSL	332°, 28%, 49%
HSV	332°, 44%, 63%
XYZ	21.7286, 16.2160, 20.7237
YIQ	114.6920, 31.1270, 25.1030

# Conversions

## Conversions Part 2

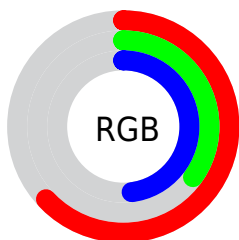
Format	Color
<a href="#">RYB</a>	<a href="#">160, 90, 123</a>
Decimal	<a href="#">10508923</a>
CIELab	<a href="#">47.26, 33.07, -5.98</a>
CIELCh	<a href="#">47, 33.604, 349.749</a>
Yxy	<a href="#">16.2168, 0.3704, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4288699003</a> (0xFFA05A7B)
YUV	<a href="#">114.6920, 4.0958, 39.7351</a>
Hunter-Lab	<a href="#">40.2691, 25.8448, -2.3241</a>

# Details

The HunterLab color **40.2691, 25.8448, -2.3241** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **53.7104, -25.4691, 10.4842**, and the grayscale version is **41.2641, -2.2017, 2.2420**.

A 20% lighter version of the original color is **60.8606, 27.6164, -1.5254**, and **22.6814, 23.0528, -2.5555** is the 20% darker color. If you saturate the color by 10%, you get **36.8769, 32.3447, -2.5670**, and if you desaturate by 10%, it is **44.0837, 19.1399, -1.5998**.

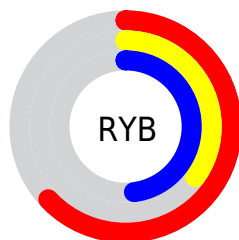
# Distribution



Red (63%)

Green (35%)

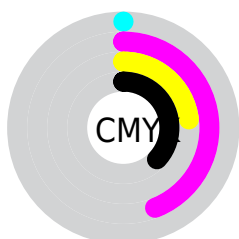
Blue (48%)



Red (63%)

Yellow (35%)

Blue (48%)

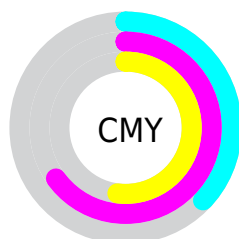


Cyan (0%)

Magenta (44%)

Yellow (23%)

Black (37%)



Cyan (37%)

Magenta (65%)

Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2691, 25.8448, -2.3241 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 40.2691, 25.8448, -2.3241 by changing the saturation by 10% instead.





 40.2691, 25.8448,  
-2.3241


 40.2691, 25.8448,  
-2.3241


151.8610, 32.5489,  
1.4581


 31.1090, 24.5897,  
-2.4916


 60.8064, 27.9780,  
-1.8034


 22.7723, 23.2002,  
-2.5879

 72.0841, 28.8822,  
-1.4641

 15.3515, 21.6810,  
-2.5998

 83.9839, 29.6907,  
-1.0778

 8.9636, 20.1916,  
-2.5338

 96.4749, 30.4117,  
-0.6477

0.0000, INF, -NF

0.0000, NaN, NaN

109.5302, 31.0523,  
-0.1769

0.0000, NaN, NaN


123.1264, 31.6186,


0.0000, NaN, NaN


0.3323


0.0000, NaN, NaN


137.2428, 32.1160,  
0.8779


 40.2691, 25.8448,  
-2.3241


 40.2691, 25.8448,  
-2.3241

 36.8769, 32.3447,  
-2.5670


 44.0837, 19.1399,  
-1.5998


 33.9744, 38.3555,  
-2.2306


 48.2543, 12.4166,  
-0.4938


 31.6302, 43.4761,  
-1.2364


 52.7275, 5.7707,  
0.9129


 29.8944, 47.2643,  
0.4290


 57.4586, -0.7534,  
2.5555


 28.7760, 49.3897,  
2.6730


 62.4115, -7.1429,  
4.3847

 28.2621, 50.2178,  
4.1691

 67.5570, -13.4018,  
6.3633

 72.8716, -19.5422,  
8.4635

 78.3362, -25.5793,  
10.6642

 83.9351, -31.5287,  
12.9497

# Harmonies

## Analogous

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



40.2701, 18.9988, -16.6306



40.2691, 25.8448, -2.3241



40.2701, 24.4883, 9.4956

# Triad

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



40.2701, 25.8429, -2.3232



40.2701, -10.3358, 18.8839



40.2701, -17.2075, -20.7986

# Complementary

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



40.2691, 25.8448, -2.3241



53.7104, -25.4691, 10.4842

# 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.



40.2701, -23.2745, -6.8022



40.2691, 25.8448, -2.3241



40.2701, -19.6736, 14.8326

# Square

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



40.2701, 25.8429, -2.3232



40.2701, 2.4439, 19.3934



40.2701, -24.1154, 6.2382



40.2701, -6.5484, -29.3478



# Rectangle

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



40.2691, 25.8448, -2.3241



40.2701, 19.1693, 14.7288



40.2701, -24.1154, 6.2382



40.2701, -19.7904, -16.3990

# Sweetspot

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



40.2701, 25.8429, -2.3232



71.3581, 7.3352, 1.3331



37.8149, 21.7685, -28.4627



32.8108, 4.3064, 0.4234



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328



# Same Dimension

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



40.2701, 25.8429, -2.3232



50.0097, 42.9488, -3.4598



39.6527, 21.0838, 10.3382



25.8758, 1.3271, 0.7682



24.9617, 44.3863, 3.4268



3.4627, 6.3864, -1.3008



# Inverse Universe

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



40.2701, 25.8429, -2.3232



50.0097, 42.9488, -3.4598



54.2689, -19.5443, -3.2369



25.8758, 1.3271, 0.7682



24.9617, 44.3863, 3.4268

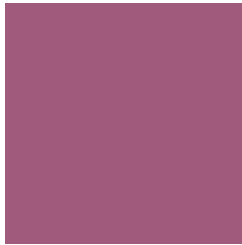


3.4627, 6.3864, -1.3008



# Previews

## White Background



This preview shows how the HunterLab color 40.2691, 25.8448, -2.3241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

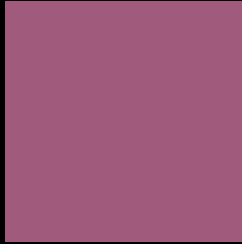
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 40.2691, 25.8448, -2.3241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2691, 25.8448, -2.3241 Background



This preview shows how black text looks on a background with the HunterLab color 40.2691, 25.8448, -2.3241.



This preview shows how white text looks on a background with the HunterLab color 40.2691, 25.8448,

-2.3241.

# 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

40.2691, 25.8448, -2.3241

### Protanopia

40.6452, 0.7755, -9.4645

### Deuteranopia

40.3564, 2.8195, -1.1891



## Tritanopia

40.2667, 20.1967, 7.0373

# Trichromacy



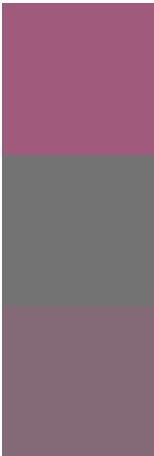
**Original Color**  
40.2691, 25.8448, -2.3241

**Protanomaly**  
40.0027, 9.0624, -7.5468

**Deuteranomaly**  
40.0426, 11.0308, -1.9169

**Tritanomaly**  
40.3779, 22.0536, 4.0223

# Monochromacy



**Original Color**  
40.2691, 25.8448, -2.3241

**Achromatopsia**  
41.4054, -2.2093, 2.2496

**Achromatomaly**  
40.5480, 7.3302, 0.0520

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.2691, 25.8448, -2.3241 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(160, 90, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 90, 123)  
}
```

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(160, 90, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 90, 123) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.2691, 25.8448, -2.3241 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(160, 90, 123) }
```



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

```
.border{ border-color:rgb(160, 90, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 90, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 90, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 90, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 90,  
123) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.2691, 25.8448, -2.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 90, 123) }
```

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

```
.background{ background-color: rgb(160, 90,  
123) }
```

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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