

# Converting Colors

Decimal(7117342)

Have a look what the booklet for  
Decimal(7117342) contains.

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**Color**

**Decimal(7117342)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6C9A1E
RGB	108, 154, 30
RGB Percent	42%, 60%, 12%
CMY	0.5765, 0.3961, 0.8824
CMYK	0.30, 0.00, 0.81, 0.40
HSL	82°, 67%, 36%
HSV	82°, 81%, 60%
XYZ	17.9743, 26.3931, 5.3753
YIQ	126.1100, 12.3880, -48.3160

# Conversions

## Conversions Part 2

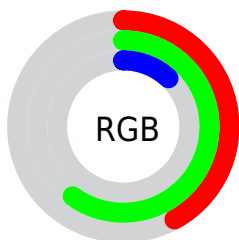
Format	Color
<a href="#">RYB</a>	<a href="#">30, 154, 76</a>
Decimal	<a href="#">7117342</a>
CIELab	<a href="#">58.41, -33.73, 54.92</a>
CIELCh	<a href="#">58, 64.452, 121.556</a>
Yxy	<a href="#">26.3931, 0.3613, 0.5306</a>
Android (android.graphics.Color)	<a href="#">4285307422</a> (0xFF6C9A1E)
YUV	<a href="#">126.1100, -47.3822, -15.8825</a>
Hunter-Lab	<a href="#">51.3742, -27.4531, 29.7584</a>

# Details

The Decimal color **7117342** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4988570**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **10735958**, and **3565056** is the 20% darker color. If you saturate the color by 10%, you get **6724111**, and if you desaturate by 10%, it is **7510573**.

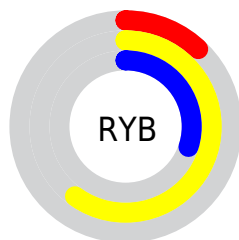
# Distribution



Red (42%)

Green (60%)

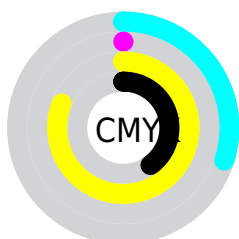
Blue (12%)



Red (12%)

Yellow (60%)

Blue (30%)

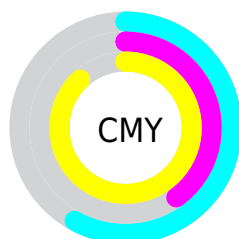


Cyan (30%)

Magenta (0%)

Yellow (81%)

Black (40%)



Cyan (58%)

Magenta (40%)


Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7117342 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 Decimal color 7117342 by changing the saturation by 10% instead.



 7117342

 7117342

16777215

 5341184

 10735958

 3565056


 12643696

 1723904

 14483339

 14080

 16449447

 8960


 16777155

 0

 16777184

16777213

 7117342

 7117342

 6724111

 7510573

 6396416

 7838269

 8231500

 8624732

 9017963

 9345658

 9738890

 10132121

 10459817

# Harmonies

## Analogous

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



10849024



7117342



41812

# Triad

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



7117342



41199



15684492

# Complementary

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



7117342



4988570

# 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.



13787843



7117342



37630

# Square

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



7117342



42694



9403629



1555925

# Rectangle

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



7117342



42618



9403629



15291807



# Sweetspot

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



7117342



12110233



10111774



5989960



15132390



6710886



# Same Dimension

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



7117342



8505606



3119646



4869445



5803008



527616



# Inverse Universe

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



4988570



5179081



8986266



4736333



3408012



327693



# Previews

## White Background



This preview shows how the Decimal color 7117342 looks on a white 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

# Black Background



This preview shows how the Decimal color 7117342 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](#).



## Decimal 7117342 Background



This preview shows how black text looks on a background with the Decimal color 7117342.



This preview shows how white text looks on a background with the Decimal color 7117342.

# 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**


7117342

**Protanopia**

10390554

**Deuteranopia**

11568425

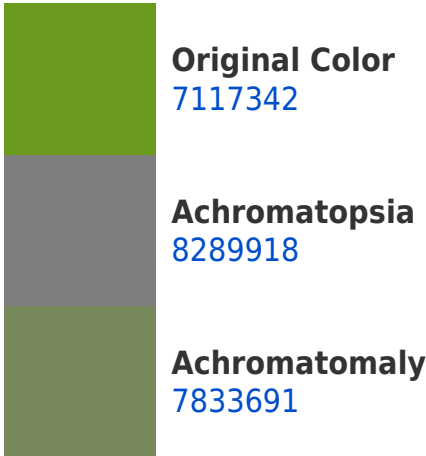


**Tritanopia**  
8032155

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7117342 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 #6C9A1E looks like.

```
.text, #text, p{  
    color:#6C9A1E  
}
```

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 #6C9A1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9A1E
}
```

## Border

The CSS property to change the border of an element to Decimal 7117342 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
#6C9A1E }
```

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

```
.border{ border-color:#6C9A1E }
```

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

Here you see how a box with a 4 pixel #6C9A1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9A1E; -webkit-box-shadow:4px 4px  
4px 4px #6C9A1E; box-shadow:4px 4px 4px  
4px #6C9A1E }
```

# Background

The CSS property to change the background color of an element to Decimal 7117342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9A1E }
```

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

```
.background{ background-color:#6C9A1E }
```

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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