

# Converting Colors

Decimal(6789120)

Have a look what the booklet for  
Decimal(6789120) contains.

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# Color

**Decimal(6789120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	679800
RGB	103, 152, 0
RGB Percent	40%, 60%, 0%
CMY	0.5961, 0.4039, 1.0000
CMYK	0.32, 0.00, 1.00, 0.40
HSL	79°, 100%, 30%
HSV	79°, 100%, 60%
XYZ	16.8218, 25.3400, 4.0045
YIQ	120.0210, 19.5880, -57.6600

# Conversions

## Conversions Part 2

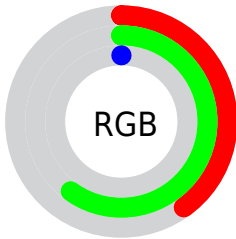
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 49
Decimal	6789120
CIELab	57.41, -35.68, 60.05
CIELCh	57, 69.849, 120.716
Yxy	25.3400, 0.3644, 0.5489
Android (android.graphics.Color)	4284979200 (0xFF679800)
YUV	120.0210, -59.1704, -14.9274
Hunter-Lab	50.3389, -28.4437, 30.5206

# Details

The Decimal color **6789120** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3211416**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10473287**, and **3171584** is the 20% darker color. If you saturate the color by 10%, you get **6789120**, and if you desaturate by 10%, it is **7116815**.

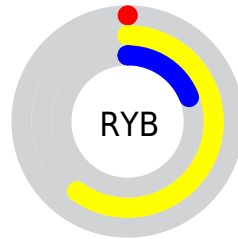
# Distribution



Red (40%)

Green (60%)

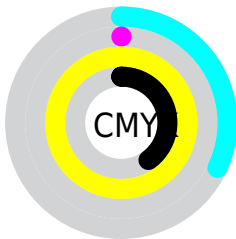
Blue (0%)



Red (0%)

Yellow (60%)

Blue (19%)

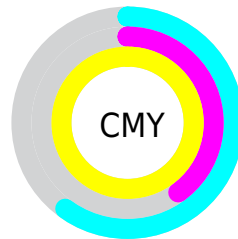


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6789120 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 6789120 by changing the saturation by 10% instead.



 6789120

 6789120

16777215

 5012992

 10473287

 3171584

 12315490

 1068032

 14221181

 13568

 16187289


 8448


 16777141

 0

 16777170

 16777199

 6789120

 7116815

 7444510

 7772206

 8099901

 8427596

 8689755

 9017450

 9345146

 9672841

# Harmonies

## Analogous

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



10782720



6789120



41290

# Triad

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



6789120



40948



15943307

# Complementary

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



6789120



3211416

# 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.



13851335



6789120



37375

# Square

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



6789120



42439



8944116



15749967

# Rectangle

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



6789120



42100



8944116



15485600



# Sweetspot

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



6789120



11650185



9973760



5792576



14935011



6513507



# Same Dimension

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



6789120



8766464



1873920



4869445



6261760



593152



# Inverse Universe

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



3211416



4128964



8126616



4670797



2949260



262157



# Previews

## White Background



This preview shows how the Decimal color 6789120 looks on a white background.

## Color Contrast Check

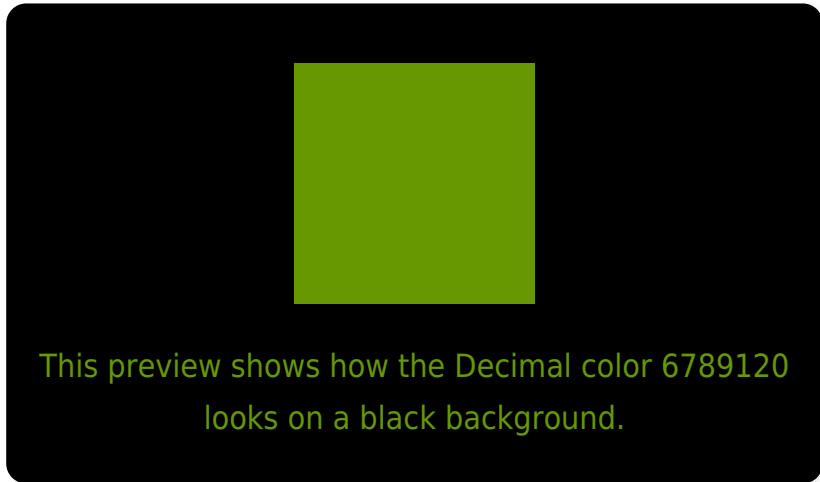
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 6789120 Background



This preview shows how black text looks on a background with the Decimal color 6789120.



This preview shows how white text looks on a background with the Decimal color 6789120.

# 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**  
6789120

**Protanopia**  
10193408

**Deuteranopia**  
11371037



**Tritanopia**  
7769497

# Trichromacy



**Original Color**  
6789120

**Protanomaly**  
8949504

**Deuteranomaly**  
9734674

**Tritanomaly**  
7442785

# Monochromacy



**Original Color**  
6789120

**Achromatopsia**  
7895160

**Achromatomaly**  
7504972

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6789120 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 #679800 looks like.

```
.text, #text, p{  
    color:#679800  
}
```

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 #679800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679800
}
```

## Border

The CSS property to change the border of an element to Decimal 6789120 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
#679800 }
```

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

```
.border{ border-color:#679800 }
```

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

Here you see how a box with a 4 pixel #679800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679800; -webkit-box-shadow:4px 4px  
4px 4px #679800; box-shadow:4px 4px 4px  
4px #679800 }
```

# Background

The CSS property to change the background color of an element to Decimal 6789120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679800 }
```

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

```
.background{ background-color:#679800 }
```

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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