

# Converting Colors

Decimal(7579468)

Have a look what the booklet for  
Decimal(7579468) contains.

<b>Decimal(7579468)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(7579468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73A74C
RGB	115, 167, 76
RGB Percent	45%, 65%, 30%
CMY	0.5490, 0.3451, 0.7020
CMYK	0.31, 0.00, 0.54, 0.35
HSL	94°, 37%, 48%
HSV	94°, 54%, 65%
XYZ	22.1935, 31.8041, 11.8066
YIQ	141.0780, -1.7810, -39.3250

# Conversions

## Conversions Part 2

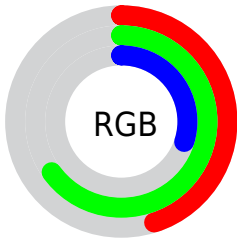
Format	Color
<a href="#">RYB</a>	<a href="#">76, 167, 128</a>
Decimal	<a href="#">7579468</a>
CIELab	<a href="#">63.18, -33.40, 41.15</a>
CIElCh	<a href="#">63, 52.999, 129.070</a>
Yxy	<a href="#">31.8041, 0.3373, 0.4833</a>
Android (android.graphics.Color)	<a href="#">4285769548 (0xFF73A74C)</a>
YUV	<a href="#">141.0780, -32.0835, -22.8704</a>
Hunter-Lab	<a href="#">56.3951, -28.4454, 27.0640</a>

# Details

The Decimal color **7579468** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8408231**, and the grayscale version is **9276813**.

A 20% lighter version of the original color is **11132543**, and **4158233** is the 20% darker color. If you saturate the color by 10%, you get **6924091**, and if you desaturate by 10%, it is **8234845**.

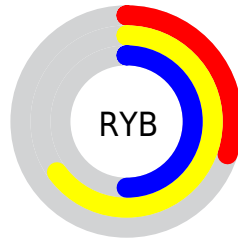
# Distribution



Red (45%)

Green (65%)

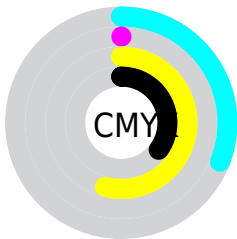
Blue (30%)



Red (30%)

Yellow (65%)

Blue (50%)

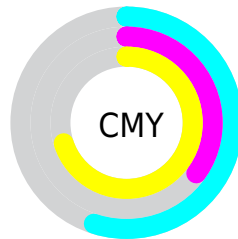


Cyan (31%)

Magenta (0%)

Yellow (54%)

Black (35%)



Cyan (55%)

Magenta (35%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7579468 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 7579468 by changing the saturation by 10% instead.




 7579468

 7579468

16777215

 5868595

 11132543

 4158233

 12975002

 2382336

 14876597

 475648

 16777169

 11008

 16777198

 4864

 0

 7579468

 7579468

 6924091

 8234845

■ 6334251

■ 8824685

■ 5678874

■ 9480062

■ 5089033

■ 10069903

■ 4761344

■ 10725279

■ 11315120

■ 11970497

■ 12560338

■ 13215714

# Harmonies

## Analogous

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



10918710



7579468



2010742

# Triad

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



7579468



42992



15757196

# Complementary

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



7579468



8408231

# 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.



14579132



7579468



6068726

# Square

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



7579468



44755



11503586



15300960

# Rectangle

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



7579468



45206



11503586



15560604



# Sweetspot

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



7579468



12966326



10977356



6450777



15592941



7237230



# Same Dimension

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



7579468



8968524



5023570



5198924



4166656



594944



# Inverse Universe

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



8408231



10243289



10964129



5327956



5570708



786452



# Previews

## White Background



This preview shows how the Decimal color 7579468 looks on a white background.

## Color Contrast Check

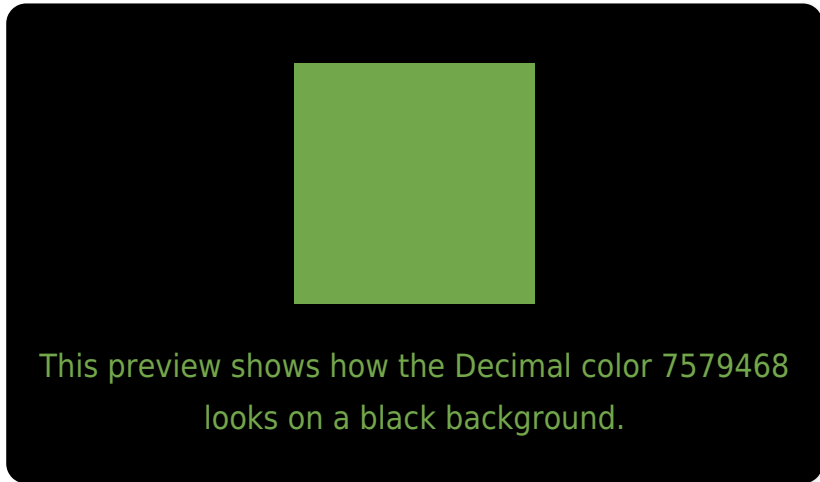
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7579468 Background



This preview shows how black text looks on a background with the Decimal color 7579468.

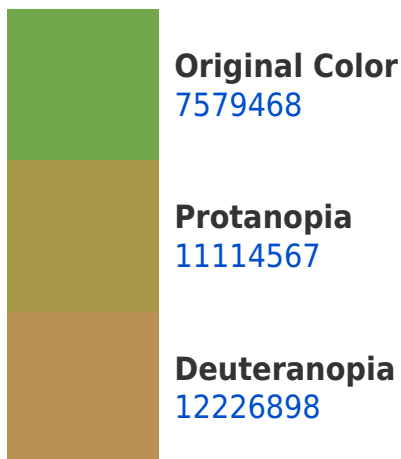


This preview shows how white text looks on a background with the Decimal color 7579468.

# 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





**Tritanopia**  
8494506

# Trichromacy



**Original Color**  
7579468

**Protanomaly**  
9805129

**Deuteranomaly**  
10525008

**Tritanomaly**  
8167816

# Monochromacy



**Original Color**  
7579468

**Achromatopsia**  
9276813

**Achromatomaly**  
8689269

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7579468 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 #73A74C looks like.

```
.text, #text, p{  
  color:#73A74C  
}
```

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 #73A74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73A74C
}
```

## Border

The CSS property to change the border of an element to Decimal 7579468 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
#73A74C }
```

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

```
.border{ border-color:#73A74C }
```

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

Here you see how a box with a 4 pixel #73A74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73A74C; -webkit-box-shadow:4px 4px  
4px 4px #73A74C; box-shadow:4px 4px 4px  
4px #73A74C }
```

# Background

The CSS property to change the background color of an element to Decimal 7579468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73A74C }
```

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

```
.background{ background-color:#73A74C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor