

# Converting Colors

Decimal(6790468)

Have a look what the booklet for  
Decimal(6790468) contains.

<b>Decimal(6790468)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6790468)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	679D44
RGB	103, 157, 68
RGB Percent	40%, 62%, 27%
CMY	0.5961, 0.3843, 0.7333
CMYK	0.34, 0.00, 0.57, 0.38
HSL	96°, 40%, 44%
HSV	96°, 57%, 62%
XYZ	18.6939, 27.4149, 9.7752
YIQ	130.7080, -3.6150, -39.1270

# Conversions

## Conversions Part 2

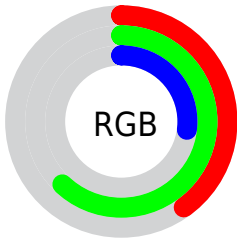
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 157, 122
Decimal	6790468
CIELab	59.36, -34.04, 40.37
CIELCh	59, 52.805, 130.135
Yxy	27.4149, 0.3345, 0.4906
Android (android.graphics.Color)	4284980548 (0xFF679D44)
YUV	130.7080, -30.9150, -24.2999
Hunter-Lab	52.3592, -27.8985, 25.5823

# Details

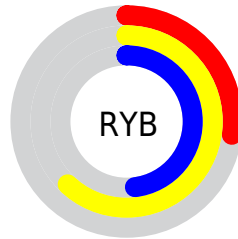
The Decimal color **6790468** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8012957**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **10343543**, and **3369233** is the 20% darker color. If you saturate the color by 10%, you get **6135092**, and if you desaturate by 10%, it is **7445844**.

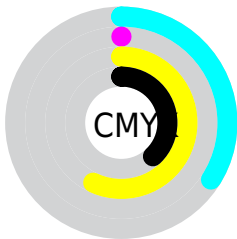
# Distribution



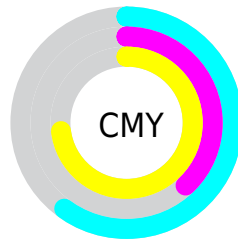
- Red (40%)
- Green (62%)
- Blue (27%)



- Red (27%)
- Yellow (62%)
- Blue (48%)



- Cyan (34%)
- Magenta (0%)
- Yellow (57%)
- Black (38%)



- Cyan (60%)
- Magenta (38%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6790468 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 6790468 by changing the saturation by 10% instead.





6790468



6790468

16777215



5079851



10343543



3369233



12185745



1462528



14024620



14592



15925192



9472



16777189



0



6790468



6790468



6135092



7445844



5545253



8035683

■ 4889877

■ 8691059

■ 4300037

■ 9280899

■ 4103424

■ 9936275

■ 10526114

■ 11181490

■ 11771330

■ 12426705

# Harmonies

## Analogous

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



10064428



6790468



41838

# Triad

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



6790468



40166



14968193

# Complementary

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



6790468



8012957

# 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.



13855664



6790468



5541866

# Square

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



6790468



42186



10910934



14446421

# Rectangle

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



6790468



42382



10910934



14837137



# Sweetspot

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



6790468



12045481



10320196



5924434



15132390



6710886



# Same Dimension

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



6790468



7916609



4496717



4869959



3706624



397056



# Inverse Universe

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



8012957



9781708



10306708



4998991



5701775



589839



# Previews

## White Background



This preview shows how the Decimal color 6790468 looks on a white background.

## Color Contrast Check

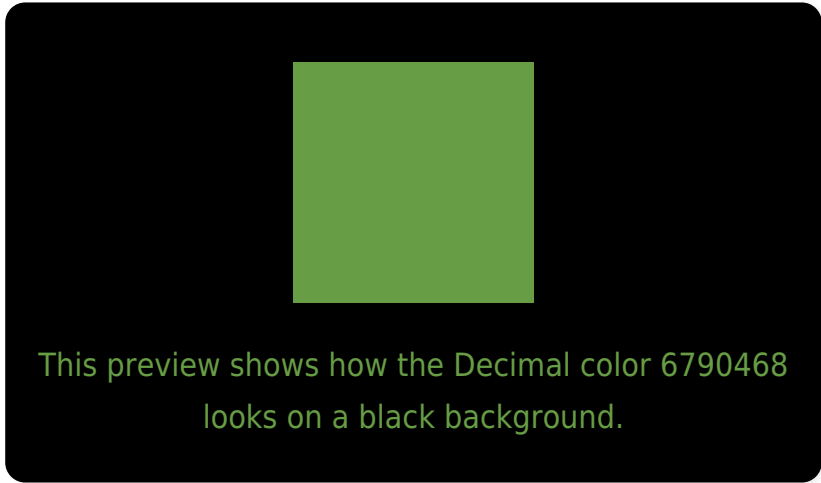
Large Text (above 18pt) WCAG AA ✓ Pass

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 6790468 Background



This preview shows how black text looks on a background with the Decimal color 6790468.



This preview shows how white text looks on a background with the Decimal color 6790468.

# 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





# Trichromacy



**Original Color**  
6790468

**Protanomaly**  
9081665

**Deuteranomaly**  
9801800

**Tritanomaly**  
7378814

# Monochromacy



**Original Color**  
6790468

**Achromatopsia**  
8618883

**Achromatomaly**  
7965804

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6790468 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 #679D44 looks like.

```
.text, #text, p{  
    color:#679D44  
}
```

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 #679D44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679D44
}
```

## Border

The CSS property to change the border of an element to Decimal 6790468 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
#679D44 }
```

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

```
.border{ border-color:#679D44 }
```

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

Here you see how a box with a 4 pixel #679D44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679D44; -webkit-box-shadow:4px 4px  
4px 4px #679D44; box-shadow:4px 4px 4px  
4px #679D44 }
```

# Background

The CSS property to change the background color of an element to Decimal 6790468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679D44 }
```

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

```
.background{ background-color:#679D44 }
```

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