

# Converting Colors

Decimal(7053152)

Have a look what the booklet for  
Decimal(7053152) contains.

<b>Decimal(7053152)</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(7053152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B9F60
RGB	107, 159, 96
RGB Percent	42%, 62%, 38%
CMY	0.5804, 0.3765, 0.6235
CMYK	0.33, 0.00, 0.40, 0.38
HSL	110°, 25%, 50%
HSV	110°, 40%, 62%
XYZ	20.5729, 28.7666, 15.5345
YIQ	136.2700, -10.7690, -30.6170

# Conversions

## Conversions Part 2

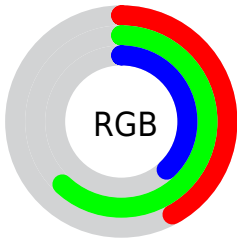
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 159, 148
Decimal	7053152
CIE <sub>Lab</sub>	60.58, -29.86, 27.52
CIE <sub>LCh</sub>	61, 40.605, 137.333
Yxy	28.7666, 0.3171, 0.4434
Android (android.graphics.Color)	4285243232 (0xFF6B9F60)
YUV	136.2700, -19.8531, -25.6698
Hunter-Lab	53.6345, -25.3922, 20.3716

# Details

The Decimal color **7053152** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9724063**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **10540691**, and **3697456** is the 20% darker color. If you saturate the color by 10%, you get **6201168**, and if you desaturate by 10%, it is **7905136**.

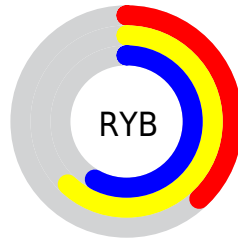
# Distribution



Red (42%)

Green (62%)

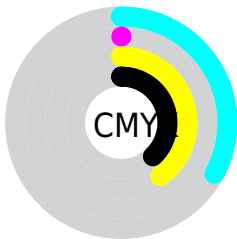
Blue (38%)



Red (38%)

Yellow (62%)

Blue (58%)

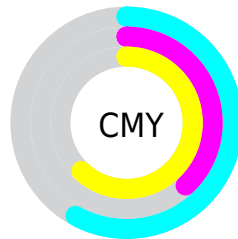


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7053152 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 7053152 by changing the saturation by 10% instead.





7053152



7053152

16777215



5342536



10540691



3697456



12383150



2052890



14221258



146177



16121830



9472



1024



0



7053152



7053152



6201168



7905136

■ 5349184

■ 8757120

■ 4497200

■ 9609104

■ 3645216

■ 10461088

■ 2727696

■ 11378608

■ 1875713

■ 12230591

■ 1875712

■ 13082575

■ 13934559

■ 14786543

# Harmonies

## Analogous

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



9738060



7053152



3449985

# Triad

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



7053152



3250903



14120575

# Complementary

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



7053152



9724063

# 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.



13465507



7053152



8228822

# Square

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



7053152



41670



11502019



13467231

# Rectangle

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



7053152



42394



11502019



14054795



# Sweetspot

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



7053152



12242870



10457952



6056282



15263976



6908265



# Same Dimension

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



7053152



8245099



6332276



4804423



1675008



200448



# Inverse Universe

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



9724063



12413903



10444939



5130063



7733391



851983



# Previews

## White Background



This preview shows how the Decimal color 7053152 looks on a white background.

## Color Contrast Check

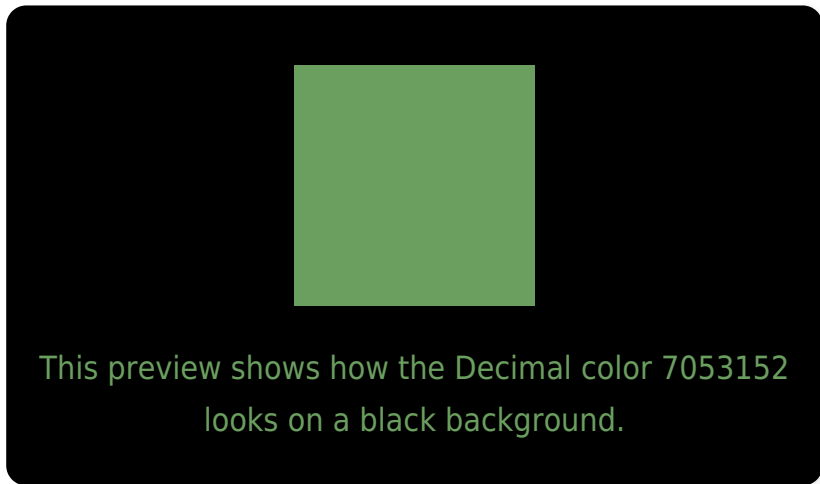
Large Text (above 18pt) WCAG AA ✓ Pass

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

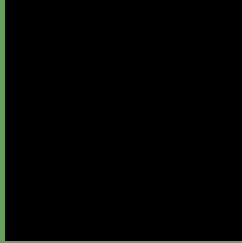
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7053152 Background



This preview shows how black text looks on a background with the Decimal color 7053152.



This preview shows how white text looks on a background with the Decimal color 7053152.

# 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**  
7837603

# Trichromacy



**Original Color**  
7053152

**Protanomaly**  
9213533

**Deuteranomaly**  
9867875

**Tritanomaly**  
7576203

# Monochromacy



**Original Color**  
7053152

**Achromatopsia**  
8947848

**Achromatomaly**  
8228985

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7053152 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 #6B9F60 looks like.

```
.text, #text, p{  
    color:#6B9F60  
}
```

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 #6B9F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B9F60
}
```

## Border

The CSS property to change the border of an element to Decimal 7053152 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
#6B9F60 }
```

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

```
.border{ border-color:#6B9F60 }
```

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

Here you see how a box with a 4 pixel #6B9F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B9F60; -webkit-box-shadow:4px 4px  
4px 4px #6B9F60; box-shadow:4px 4px 4px  
4px #6B9F60 }
```

# Background

The CSS property to change the background color of an element to Decimal 7053152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B9F60 }
```

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

```
.background{ background-color:#6B9F60 }
```

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