

# Converting Colors

Decimal(7391589)

Have a look what the booklet for  
Decimal(7391589) contains.

<b>Decimal(7391589)</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(7391589)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C965
RGB	112, 201, 101
RGB Percent	44%, 79%, 40%
CMY	0.5608, 0.2118, 0.6039
CMYK	0.44, 0.00, 0.50, 0.21
HSL	113°, 48%, 59%
HSV	113°, 50%, 79%
XYZ	29.9177, 46.1576, 19.6444
YIQ	162.9890, -20.9440, -49.9680

# Conversions

## Conversions Part 2

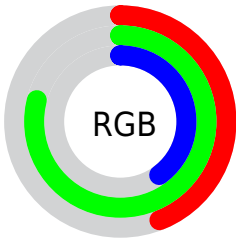
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 201, 190
Decimal	7391589
CIELab	73.65, -46.29, 41.55
CIELCh	74, 62.206, 138.087
Yxy	46.1576, 0.3126, 0.4822
Android (android.graphics.Color)	4285581669 (0xFF70C965)
YUV	162.9890, -30.5606, -44.7174
Hunter-Lab	67.9394, -40.2899, 30.4141

# Details

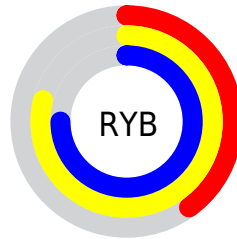
The Decimal color **7391589** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12477897**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11075482**, and **3641906** is the 20% darker color. If you saturate the color by 10%, you get **6211921**, and if you desaturate by 10%, it is **8571257**.

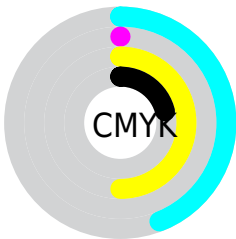
# Distribution



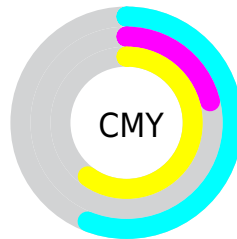
- Red (44%)
- Green (79%)
- Blue (40%)



- Red (40%)
- Yellow (79%)
- Blue (75%)



- Cyan (44%)
- Magenta (0%)
- Yellow (50%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7391589 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 7391589 by changing the saturation by 10% instead.



 7391589

 7391589


16777215

 5549388

 11075482

 3641906

 12976053

 1210392

 14876625

 24064

 16777198

 17920

 12032

 5376

 0

 7391589

 7391589

 6211921

 8571257

 5032253

 9750925

 3852585

 10930593

 2672917

 12110261

 1558784

 13224394

 1493248

 14404062

 15583730

 16763391

# Harmonies

## Analogous

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



11779392



7391589



53403

# Triad

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



7391589



49919



16745365

# Complementary

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



7391589



12477897

# 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.



16745934



7391589



9416703

# Square

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



7391589



52735



14981119



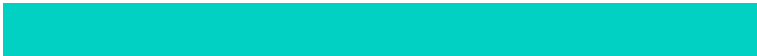
16749666

# Rectangle

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



7391589



53699



14981119



16744872

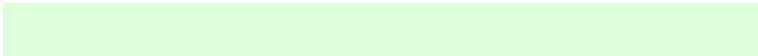


# Sweetspot

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



7391589



14548953



13221221



7045225



0



8421504



# Same Dimension

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



7391589



7864166



6670731



5989210



1221376



271360



# Inverse Universe

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



12477897



15623935



13198755



6445667



9502883



2097188



# Previews

## White Background



This preview shows how the Decimal color 7391589 looks on a white background.

## Color Contrast Check

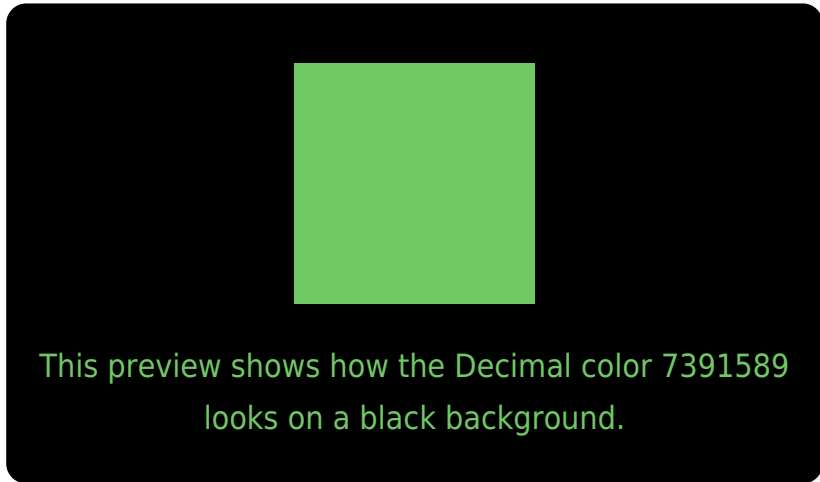
Large Text (above 18pt) WCAG AA × Fail

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

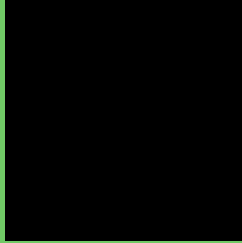
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7391589 Background



This preview shows how black text looks on a background with the Decimal color 7391589.



This preview shows how white text looks on a background with the Decimal color 7391589.

# 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**  
8699597

# Trichromacy



**Original Color**

7391589



**Protanomaly**

10992737



**Deuteranomaly**

11777897



**Tritanomaly**

8241831

# Monochromacy



**Original Color**

7391589



**Achromatopsia**

10724259



**Achromatomaly**

9482636

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7391589 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 #70C965 looks like.

```
.text, #text, p{  
    color:#70C965  
}
```

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 #70C965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C965
}
```

## Border

The CSS property to change the border of an element to Decimal 7391589 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
#70C965 }
```

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

```
.border{ border-color:#70C965 }
```

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

Here you see how a box with a 4 pixel #70C965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C965; -webkit-box-shadow:4px 4px  
4px 4px #70C965; box-shadow:4px 4px 4px  
4px #70C965 }
```

# Background

The CSS property to change the background color of an element to Decimal 7391589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C965 }
```

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

```
.background{ background-color:#70C965 }
```

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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