

# Converting Colors

Decimal(7356509)

Have a look what the booklet for  
Decimal(7356509) contains.

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# Color

**Decimal(7356509)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70405D
RGB	112, 64, 93
RGB Percent	44%, 25%, 36%
CMY	0.5608, 0.7490, 0.6353
CMYK	0.00, 0.43, 0.17, 0.56
HSL	324°, 27%, 35%
HSV	324°, 43%, 44%
XYZ	10.4913, 7.9018, 11.3282
YIQ	81.6580, 19.2990, 19.1950

# Conversions

## Conversions Part 2

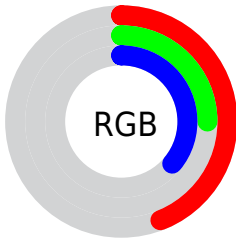
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 64, 93
Decimal	7356509
CIE <sub>Lab</sub>	33.78, 25.29, -8.24
CIE <sub>LCh</sub>	34, 26.597, 341.948
Yxy	7.9018, 0.3530, 0.2659
Android (android.graphics.Color)	4285546589 (0xFF70405D)
YUV	81.6580, 5.5916, 26.6099
Hunter-Lab	28.1102, 17.4267, -4.2162

# Details

The Decimal color **7356509** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4223059**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **10842511**, and **4133423** is the 20% darker color. If you saturate the color by 10%, you get **7353689**, and if you desaturate by 10%, it is **7359329**.

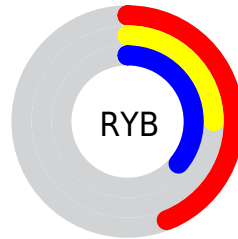
# Distribution



Red (44%)

Green (25%)

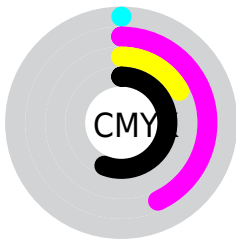
Blue (36%)



Red (44%)

Yellow (25%)

Blue (36%)

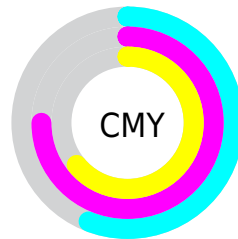


Cyan (0%)

Magenta (43%)

Yellow (17%)

Black (56%)



Cyan (56%)

Magenta (75%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7356509 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 7356509 by changing the saturation by 10% instead.



7356509

7356509

16777215

5712197

10842511

4133423

12618666

2687002

14525893

0

16368097

16768510

16775679

7356509

7356509

7353689

7359329

7350868

7362150

7347792

7365226

7344971

7368047

7342151

7370867

7340100

7373688

7376508

7379584

7382405

# Harmonies

## Analogous

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



6047599



7356509



7880264

# Triad

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



7356509



5525797



22891

# Complementary

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



7356509



4223059

# 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.



23127



7356509



4019759

# Square

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



7356509



6769191



2054466



415095

# Rectangle

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



7356509



7749946



2054466



23141



# Sweetspot

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



7356509



9535114



5390448



4865605



13224393



4868682



# Same Dimension

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



7356509



9521012



7356486



3682870



7864392



16187541



# Inverse Universe

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



7356509



9521012



4223082



3682870



7864392

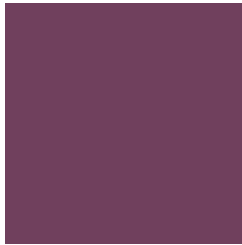


16187541



# Previews

## White Background



This preview shows how the Decimal color 7356509 looks on a white background.

## Color Contrast Check

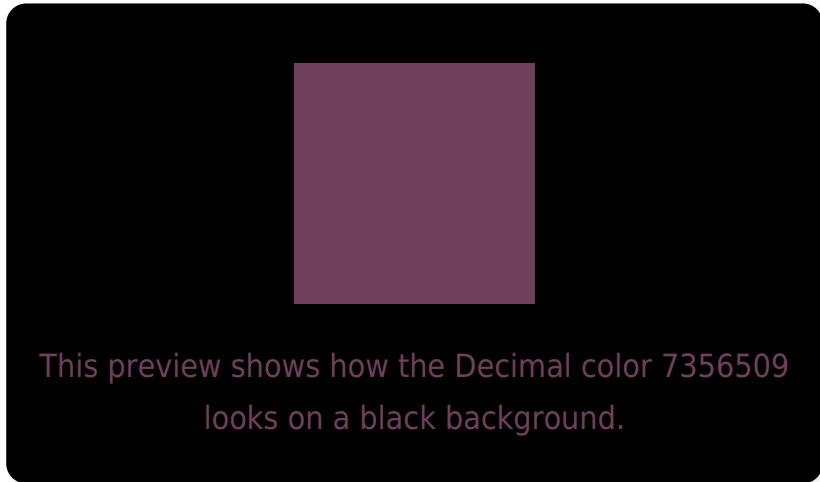
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

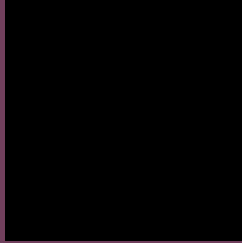
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7356509 Background



This preview shows how black text looks on a background with the Decimal color 7356509.



This preview shows how white text looks on a background with the Decimal color 7356509.

# 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**  
7356509

**Protanopia**  
4869991

**Deuteranopia**  
5459547



**Tritanopia**  
7226441

# Trichromacy



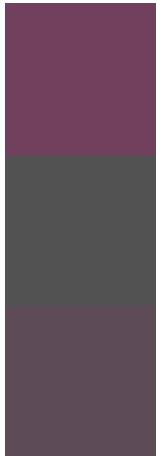
**Original Color**  
7356509

**Protanomaly**  
5786211

**Deuteranomaly**  
6179164

**Tritanomaly**  
7291728

# Monochromacy



**Original Color**  
7356509

**Achromatopsia**  
5395026

**Achromatomaly**  
6114134

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7356509 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 #70405D looks like.

```
.text, #text, p{  
  color:#70405D  
}
```

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 #70405D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70405D  
}
```

## Border

The CSS property to change the border of an element to Decimal 7356509 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  
#70405D }
```

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

```
.border{ border-color:#70405D }
```

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

Here you see how a box with a 4 pixel #70405D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70405D; -webkit-box-shadow:4px 4px  
4px 4px #70405D; box-shadow:4px 4px 4px  
4px #70405D }
```

# Background

The CSS property to change the background color of an element to Decimal 7356509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70405D }
```

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

```
.background{ background-color:#70405D }
```

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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