

# Converting Colors

Decimal(6909796)

Have a look what the booklet for  
Decimal(6909796) contains.

<b>Decimal(6909796)</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(6909796)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696F64
RGB	105, 111, 100
RGB Percent	41%, 44%, 39%
CMY	0.5882, 0.5647, 0.6078
CMYK	0.05, 0.00, 0.10, 0.56
HSL	93°, 5%, 41%
HSV	93°, 10%, 44%
XYZ	13.8104, 15.2922, 14.2804
YIQ	107.9520, -0.0450, -4.6930

# Conversions

## Conversions Part 2

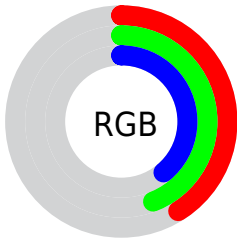
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 111, 106
Decimal	6909796
CIE <sub>Lab</sub>	46.03, -4.52, 5.34
CIE <sub>LCh</sub>	46, 6.992, 130.251
Yxy	15.2922, 0.3183, 0.3525
Android (android.graphics.Color)	4285099876 (0xFF696F64)
YUV	107.9520, -3.9203, -2.5889
Hunter-Lab	39.1053, -5.3954, 5.7223

# Details

The Decimal color **6909796** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6972527**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10265495**, and **3817269** is the 20% darker color. If you saturate the color by 10%, you get **6516569**, and if you desaturate by 10%, it is **7303023**.

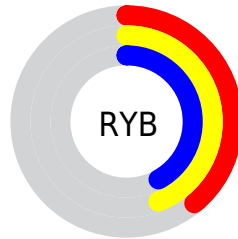
# Distribution



Red (41%)

Green (44%)

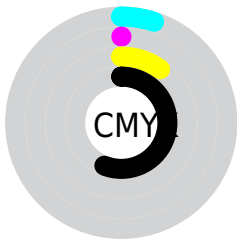
Blue (39%)



Red (39%)

Yellow (44%)

Blue (42%)

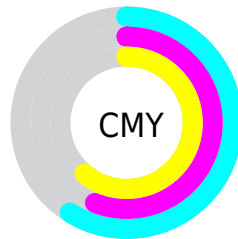


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (59%)

Magenta (56%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6909796 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 6909796 by changing the saturation by 10% instead.





6909796



6909796

16777215



5330764



10265495



3817269



12041905



2369824



13883853



988425



15726313



0



6909796



6909796



6516569



7303023



6123342



7696250



5730115



8089477

■ 5336888

■ 8482704

■ 4943661

■ 8875931

■ 4550433

■ 9269159

■ 4157206

■ 9662386

■ 3763979

■ 10055613

■ 3370752

■ 10448840

# Harmonies

## Analogous

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



7368034



6909796



6516841

# Triad

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



6909796



6516600



8022379

# Complementary

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



6909796



6972527

# 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.



7826033



6909796



6909304

# Square

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



6909796



6254708



7433078



7957094

# Rectangle

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



6909796



6320493



7433078



7956845



# Sweetspot

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



6909796



9408909



7301732



4737607



13224393



4868682



# Same Dimension

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



6909796



8950144



6582116



3487794



3569664



7403264



# Inverse Universe

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



6972527



9011345



7300207



3551800



4259960



8847607



# Previews

## White Background



This preview shows how the Decimal color 6909796 looks on a white background.

## Color Contrast Check

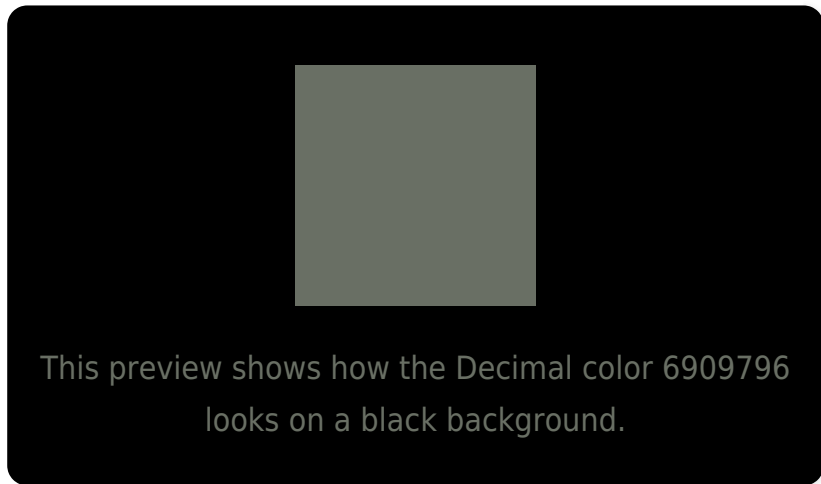
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

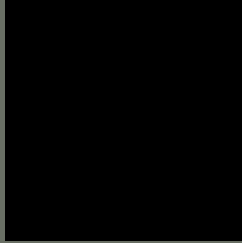
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

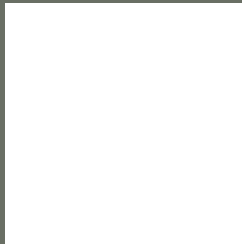
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6909796 Background



This preview shows how black text looks on a background with the Decimal color 6909796.



This preview shows how white text looks on a background with the Decimal color 6909796.

# 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**  
6909796

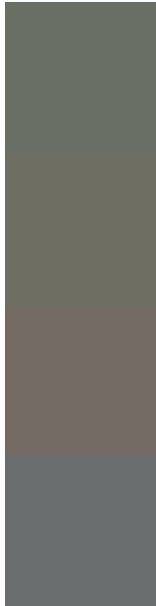
**Protanopia**  
7433571

**Deuteranopia**  
8022373



**Tritanopia**  
7105909

# Trichromacy



**Original Color**  
6909796

**Protanomaly**  
7237219

**Deuteranomaly**  
7629669

**Tritanomaly**  
7040623

# Monochromacy



**Original Color**  
6909796

**Achromatopsia**  
7105644

**Achromatomaly**  
7040361

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6909796 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 #696F64 looks like.

```
.text, #text, p{  
    color:#696F64  
}
```

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 #696F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696F64
}
```

## Border

The CSS property to change the border of an element to Decimal 6909796 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
#696F64 }
```

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

```
.border{ border-color:#696F64 }
```

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

Here you see how a box with a 4 pixel #696F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696F64; -webkit-box-shadow:4px 4px  
4px 4px #696F64; box-shadow:4px 4px 4px  
4px #696F64 }
```

# Background

The CSS property to change the background color of an element to Decimal 6909796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696F64 }
```

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

```
.background{ background-color:#696F64 }
```

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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