

# Converting Colors

Decimal(6909536)

Have a look what the booklet for  
Decimal(6909536) contains.

<b>Decimal(6909536)</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(6909536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	696E60
RGB	105, 110, 96
RGB Percent	41%, 43%, 38%
CMY	0.5882, 0.5686, 0.6235
CMYK	0.05, 0.00, 0.13, 0.57
HSL	81°, 7%, 40%
HSV	81°, 13%, 43%
XYZ	13.5129, 14.9996, 13.2493
YIQ	106.9090, 1.5140, -5.4140

# Conversions

## Conversions Part 2

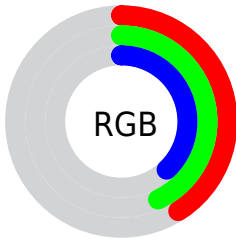
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 110, 101
Decimal	6909536
CIELab	45.63, -4.70, 7.16
CIELCh	46, 8.564, 123.307
Yxy	14.9996, 0.3236, 0.3592
Android (android.graphics.Color)	4285099616 (0xFF696E60)
YUV	106.9090, -5.3781, -1.6742
Hunter-Lab	38.7294, -5.4965, 6.8274

# Details

The Decimal color **6909536** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6643822**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **10265235**, and **3817010** is the 20% darker color. If you saturate the color by 10%, you get **6647381**, and if you desaturate by 10%, it is **7171691**.

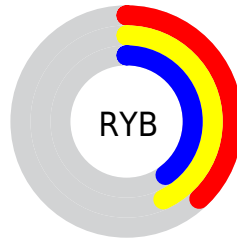
# Distribution



Red (41%)

Green (43%)

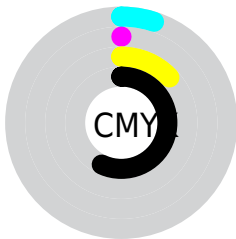
Blue (38%)



Red (38%)

Yellow (43%)

Blue (40%)

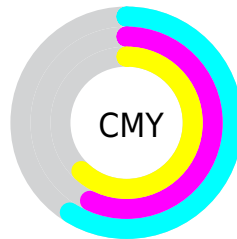


Cyan (5%)

Magenta (0%)

Yellow (13%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6909536 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 6909536 by changing the saturation by 10% instead.





6909536



6909536

16777215



5330504



10265235



3817010



12041645



2369821



13883592



1053699



15726052



0



6909536



6909536



6647381



7171691



6385226



7433846



6123071



7696001

■ 5860916

■ 7958156

■ 5598761

■ 8220311

■ 5336606

■ 8482466

■ 5074451

■ 8744621

■ 4877832

■ 8941240

■ 4681216

■ 9203395

# Harmonies

## Analogous

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



7433310



6909536



6385765

# Triad

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



6909536



6188921



8087403

# Complementary

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



6909536



6643822

# 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.



7759987



6909536



6646906

# Square

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



6909536



5927028



7236216



8087652

# Rectangle

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



6909536



6123626



7236216



8021870



# Sweetspot

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



6909536



9277321



7234912



4605764



13092807



4671303



# Same Dimension

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



6909536



8884089



6450784



3553330



5076992



10483456



# Inverse Universe

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



6643822



8485263



7102574



3420728



2818168

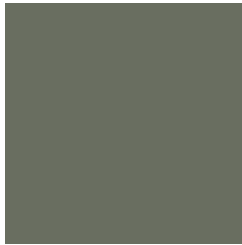


5767415



# Previews

## White Background



This preview shows how the Decimal color 6909536 looks on a white background.

## Color Contrast Check

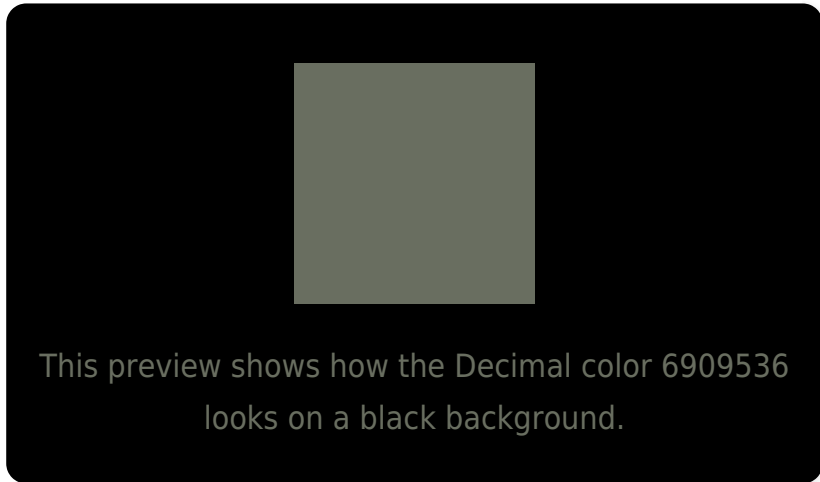
Large Text (above 18pt) WCAG AA ✓ Pass

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

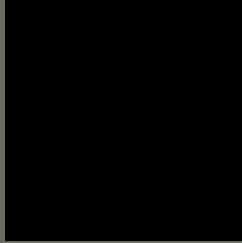
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

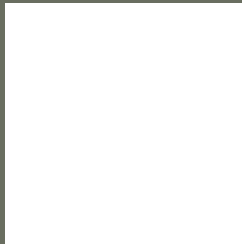
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6909536 Background



This preview shows how black text looks on a background with the Decimal color 6909536.



This preview shows how white text looks on a background with the Decimal color 6909536.

# 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**  
6909536

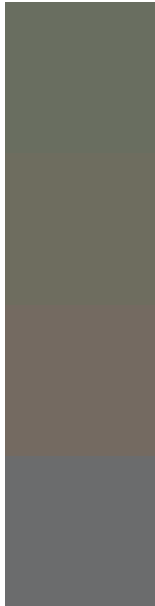
**Protanopia**  
7433311

**Deuteranopia**  
8022113



**Tritanopia**  
7105396

# Trichromacy



**Original Color**  
6909536

**Protanomaly**  
7236959

**Deuteranomaly**  
7629409

**Tritanomaly**  
7040109

# Monochromacy



**Original Color**  
6909536

**Achromatopsia**  
7039851

**Achromatomaly**  
6974567

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6909536 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 #696E60 looks like.

```
.text, #text, p{  
    color:#696E60  
}
```

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 #696E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696E60
}
```

## Border

The CSS property to change the border of an element to Decimal 6909536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

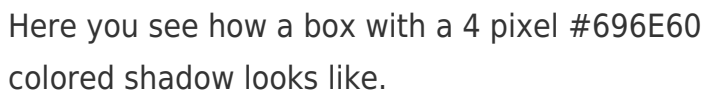
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696E60 }
```

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

```
.border{ border-color:#696E60 }
```

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



Here you see how a box with a 4 pixel #696E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696E60; -webkit-box-shadow:4px 4px  
4px 4px #696E60; box-shadow:4px 4px 4px  
4px #696E60 }
```

# Background

The CSS property to change the background color of an element to Decimal 6909536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696E60 }
```

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

```
.background{ background-color:#696E60 }
```

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