

# Converting Colors

Decimal(7309416)

Have a look what the booklet for  
Decimal(7309416) contains.

<b>Decimal(7309416)</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(7309416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F8868
RGB	111, 136, 104
RGB Percent	44%, 53%, 41%
CMY	0.5647, 0.4667, 0.5922
CMYK	0.18, 0.00, 0.24, 0.47
HSL	107°, 13%, 47%
HSV	107°, 24%, 53%
XYZ	17.8584, 21.9873, 16.3994
YIQ	124.8770, -4.6280, -15.2520

# Conversions

## Conversions Part 2

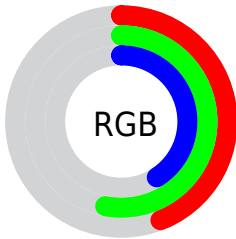
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 136, 129
Decimal	7309416
CIELab	54.01, -15.41, 14.30
CIELCh	54, 21.021, 137.127
Yxy	21.9873, 0.3175, 0.3909
Android (android.graphics.Color)	4285499496 (0xFF6F8868)
YUV	124.8770, -10.2924, -12.1701
Hunter-Lab	46.8906, -14.0765, 12.0875

# Details

The Decimal color **7309416** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8480904**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **10730907**, and **4150841** is the 20% darker color. If you saturate the color by 10%, you get **6588506**, and if you desaturate by 10%, it is **8030326**.

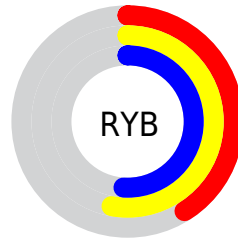
# Distribution



Red (44%)

Green (53%)

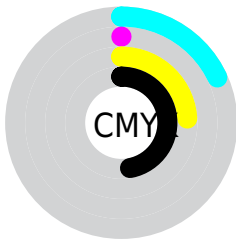
Blue (41%)



Red (41%)

Yellow (53%)

Blue (51%)

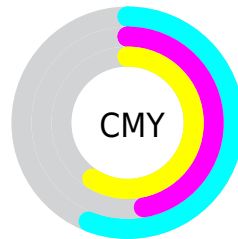


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (47%)



Cyan (56%)

Magenta (47%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7309416 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 7309416 by changing the saturation by 10% instead.





7309416



7309416

16777215



5664592



10730907



4150841



12507574



2637603



14350034



1255694



16252910



5632



0



7309416



7309416



6588506



8030326



5933133



8685699

■ 5212223

■ 9406609

■ 4556850

■ 10127518

■ 3835940

■ 10782892

■ 3115030

■ 11503802

■ 2459657

■ 12159175

■ 2000896

■ 12880085

■ 13600994

# Harmonies

## Analogous

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



8684382



7309416



5999480

# Triad

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



7309416



6325668



10908791

# Complementary

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



7309416



8480904

# 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.



10515850



7309416



7962532

# Square

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



7309416



5147035



9533850



10647655

# Rectangle

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



7309416



5278597



9533850



10843261



# Sweetspot

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



7309416



10924196



8946024



5527890



14277081



5855577



# Same Dimension

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



7309416



9023615



6850673



4146494



1934592



66816



# Inverse Universe

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



8480904



10846128



8939647



4406853



6815877



262149



# Previews

## White Background



This preview shows how the Decimal color 7309416 looks on a white background.

## Color Contrast Check

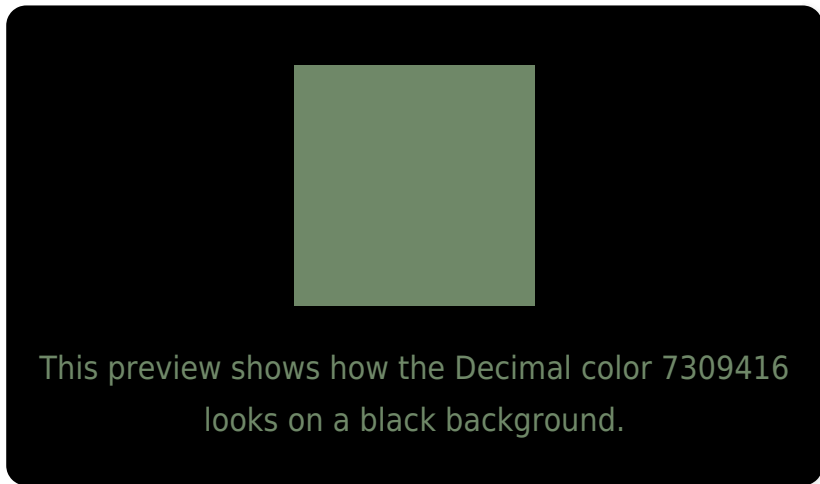
Large Text (above 18pt) WCAG AA ✓ Pass

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

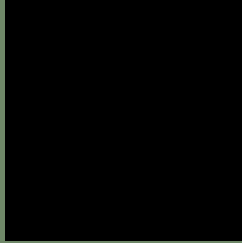
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7309416 Background



This preview shows how black text looks on a background with the Decimal color 7309416.



This preview shows how white text looks on a background with the Decimal color 7309416.

# 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





# Trichromacy



**Original Color**  
7309416

**Protanomaly**  
8422502

**Deuteranomaly**  
8880234

**Tritanomaly**  
7570816

# Monochromacy



**Original Color**  
7309416

**Achromatopsia**  
8224125

**Achromatomaly**  
7897461

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7309416 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 #6F8868 looks like.

```
.text, #text, p{  
    color:#6F8868  
}
```

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 #6F8868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8868
}
```

## Border

The CSS property to change the border of an element to Decimal 7309416 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
#6F8868 }
```

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

```
.border{ border-color:#6F8868 }
```

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

Here you see how a box with a 4 pixel #6F8868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8868; -webkit-box-shadow:4px 4px  
4px 4px #6F8868; box-shadow:4px 4px 4px  
4px #6F8868 }
```

# Background

The CSS property to change the background color of an element to Decimal 7309416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8868 }
```

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

```
.background{ background-color:#6F8868 }
```

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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