

# Converting Colors

Decimal(7108004)

Have a look what the booklet for  
Decimal(7108004) contains.

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# Color

**Decimal(7108004)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C75A4
RGB	108, 117, 164
RGB Percent	42%, 46%, 64%
CMY	0.5765, 0.5412, 0.3569
CMYK	0.34, 0.29, 0.00, 0.36
HSL	230°, 24%, 53%
HSV	230°, 34%, 64%
XYZ	19.2465, 18.5911, 37.6960
YIQ	119.6670, -20.4510, 12.7090

# Conversions

## Conversions Part 2

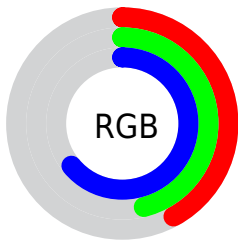
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 116, 164
Decimal	7108004
CIE <sub>Lab</sub>	50.21, 8.24, -26.29
CIE <sub>LCh</sub>	50, 27.550, 287.413
Yxy	18.5911, 0.2548, 0.2461
Android (android.graphics.Color)	4285298084 (0xFF6C75A4)
YUV	119.6670, 21.8562, -10.2320
Hunter-Lab	43.1174, 4.2224, -21.6530

# Details

The Decimal color **7108004** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10787692**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10594779**, and **3818864** is the 20% darker color. If you saturate the color by 10%, you get **6055844**, and if you desaturate by 10%, it is **8160164**.

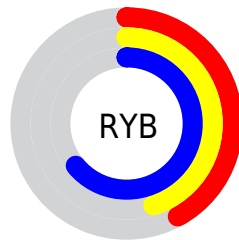
# Distribution



Red (42%)

Green (46%)

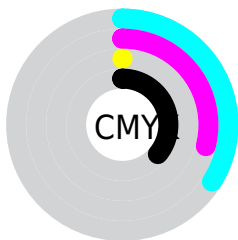
Blue (64%)



Red (42%)

Yellow (45%)

Blue (64%)

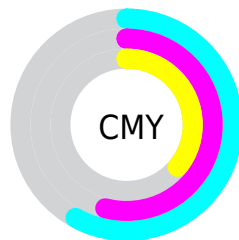


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (54%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7108004 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 7108004 by changing the saturation by 10% instead.





7108004



7108004

16777215



5463178



10594779



3818864



12371192



2174807



14278911



334400



16121343



42



276



0



7108004



7108004



6055844



8160164

■ 4938148

■ 9277860

■ 3886244

■ 10329764

■ 2768548

■ 11447460

■ 1716388

■ 12499620

■ 664228

■ 13551780

■ 6820

■ 14669220

■ 15721380

■ 16773540

# Harmonies

## Analogous

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



4619685



7108004



9137559

# Triad

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



7108004



10513238



4359020

# Complementary

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



7108004



10787692

# 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.



6258775



7108004



9466698

# Square

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



7108004



10905195



7961162



2458757

# Rectangle

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



7108004



10119306



7961162



5014373



# Sweetspot

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



7108004



12698838



7120027



6185067



15461355



7039851



# Same Dimension

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



7108004



8293590



8350884



4803410



6033



786



# Inverse Universe

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



10775669



14057100



9544812



5392715



9502743

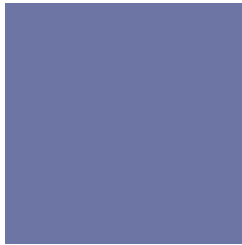


1179651



# Previews

## White Background



This preview shows how the Decimal color 7108004 looks on a white background.

## Color Contrast Check

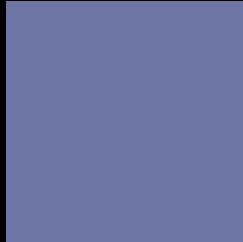
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 7108004 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

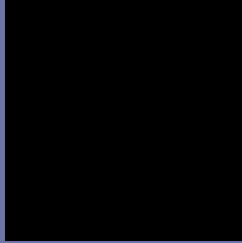
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 7108004 Background



This preview shows how black text looks on a background with the Decimal color 7108004.



This preview shows how white text looks on a background with the Decimal color 7108004.

# 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**

7108004

**Protanopia**

6911653

**Deuteranopia**

6911652



**Tritanopia**  
6650757

# Trichromacy



**Original Color**

7108004

**Protanomaly**

6977189

**Deuteranomaly**

6977188

**Tritanomaly**

6846864

# Monochromacy



**Original Color**

7108004

**Achromatopsia**

7895160

**Achromatomaly**

7632776

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7108004 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 #6C75A4 looks like.

```
.text, #text, p{  
  color:#6C75A4  
}
```

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 #6C75A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C75A4
}
```

## Border

The CSS property to change the border of an element to Decimal 7108004 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
#6C75A4 }
```

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

```
.border{ border-color:#6C75A4 }
```

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

Here you see how a box with a 4 pixel #6C75A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C75A4; -webkit-box-shadow:4px 4px  
4px 4px #6C75A4; box-shadow:4px 4px 4px  
4px #6C75A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7108004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C75A4 }
```

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

```
.background{ background-color:#6C75A4 }
```

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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