

# Converting Colors

Decimal(7106212)

Have a look what the booklet for  
Decimal(7106212) contains.

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# Color

**Decimal(7106212)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C6EA4
RGB	108, 110, 164
RGB Percent	42%, 43%, 64%
CMY	0.5765, 0.5686, 0.3569
CMYK	0.34, 0.33, 0.00, 0.36
HSL	238°, 24%, 53%
HSV	238°, 34%, 64%
XYZ	18.4611, 17.0203, 37.4342
YIQ	115.5580, -18.5260, 16.3700

# Conversions

## Conversions Part 2

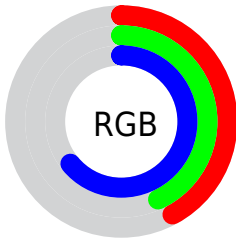
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 110, 164
Decimal	7106212
CIE <sub>Lab</sub>	48.29, 12.47, -29.27
CIE <sub>LCh</sub>	48, 31.817, 293.074
Yxy	17.0203, 0.2532, 0.2334
Android (android.graphics.Color)	4285296292 (0xFF6C6EA4)
YUV	115.5580, 23.8819, -6.6284
Hunter-Lab	41.2557, 7.6777, -24.9190

# Details

The Decimal color **7106212** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10789484**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **10592731**, and **3817328** is the 20% darker color. If you saturate the color by 10%, you get **6053540**, and if you desaturate by 10%, it is **8158884**.

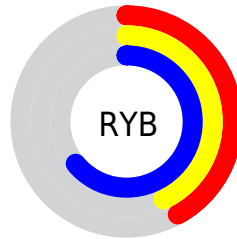
# Distribution



Red (42%)

Green (43%)

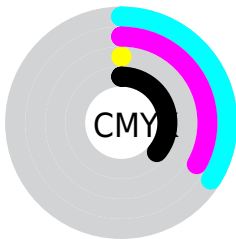
Blue (64%)



Red (42%)

Yellow (43%)

Blue (64%)

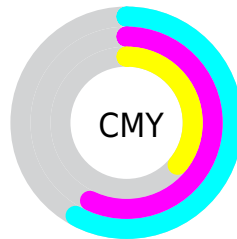


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (57%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7106212 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 7106212 by changing the saturation by 10% instead.





7106212



7106212

16777215



5461642



10592731



3817328



12434680



2173271



14276863



267584



16184831



41



275



0



7106212



7106212



6053540



8158884

■ 4935332

■ 9277092

■ 3882916

■ 10329508

■ 2764708

■ 11447716

■ 1712036

■ 12500388

■ 659364

■ 13553060

■ 1700

■ 14671268

■ 15723940

■ 16776356

# Harmonies

## Analogous

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



3962792



7106212



9331859

# Triad

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



7106212



10315081



2588779

# Complementary

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



7106212



10789484

# 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.



5209425



7106212



9006909

# Square

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



7106212



10903135



7305024



33159

# Rectangle

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



7106212



10313603



7305024



3571810



# Sweetspot

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



7106212



12698326



7120033



6184811



15461355



7039851



# Same Dimension

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



7106212



8291030



8744100



4803154



1425



274



# Inverse Universe

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



10775662



14057090



9151596



5392714



9502725

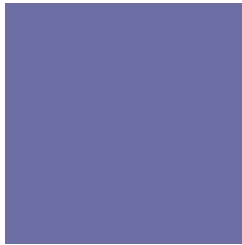


1179649



# Previews

## White Background



This preview shows how the Decimal color 7106212 looks on a white background.

## Color Contrast Check

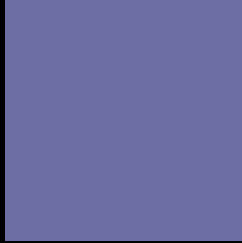
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7106212 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

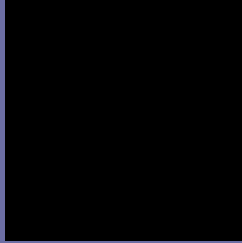
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7106212 Background



This preview shows how black text looks on a background with the Decimal color 7106212.



This preview shows how white text looks on a background with the Decimal color 7106212.

# 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**  
7106212

**Protanopia**  
6386086

**Deuteranopia**  
6320547



# Trichromacy



**Original Color**  
7106212

**Protanomaly**  
6647973

**Deuteranomaly**  
6582435

**Tritanomaly**  
6779532

# Monochromacy



**Original Color**  
7106212

**Achromatopsia**  
7631988

**Achromatomaly**  
7434885

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7106212 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 #6C6EA4 looks like.

```
.text, #text, p{  
    color:#6C6EA4  
}
```

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 #6C6EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6EA4
}
```

## Border

The CSS property to change the border of an element to Decimal 7106212 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".

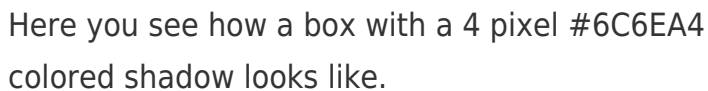
```
.border, #border, table{ border:4px solid
#6C6EA4 }
```

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

```
.border{ border-color:#6C6EA4 }
```

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

Here you see how a box with a 4 pixel #6C6EA4 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6EA4; -webkit-box-shadow:4px 4px  
4px 4px #6C6EA4; box-shadow:4px 4px 4px  
4px #6C6EA4 }
```

# Background

The CSS property to change the background color of an element to Decimal 7106212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6EA4 }
```

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

```
.background{ background-color:#6C6EA4 }
```

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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