

# Converting Colors

Decimal(7105176)

Have a look what the booklet for  
Decimal(7105176) contains.

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# Color

**Decimal(7105176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C6A98
RGB	108, 106, 152
RGB Percent	42%, 42%, 60%
CMY	0.5765, 0.5843, 0.4039
CMYK	0.29, 0.30, 0.00, 0.40
HSL	243°, 18%, 51%
HSV	243°, 30%, 60%
XYZ	17.0059, 15.7632, 31.8521
YIQ	111.8420, -13.5740, 14.7300

# Conversions

## Conversions Part 2

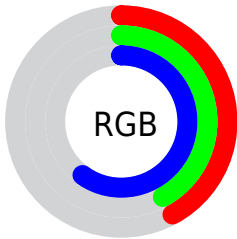
Format	Color
R <sub>Y</sub> B	108, 106, 152
Decimal	7105176
CIE Lab	46.66, 11.65, -24.73
CIE LCh	47, 27.335, 295.225
Yxy	15.7632, 0.2632, 0.2439
Android (android.graphics.Color)	4285295256 (0xFF6C6A98)
YUV	111.8420, 19.7979, -3.3694
Hunter-Lab	39.7029, 6.9765, -19.7740

# Details

The Decimal color **7105176** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9869418**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **10526158**, and **3881829** is the 20% darker color. If you saturate the color by 10%, you get **6118296**, and if you desaturate by 10%, it is **8092056**.

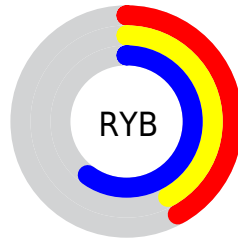
# Distribution



Red (42%)

Green (42%)

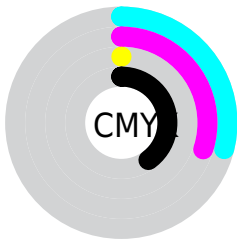
Blue (60%)



Red (42%)

Yellow (42%)

Blue (60%)

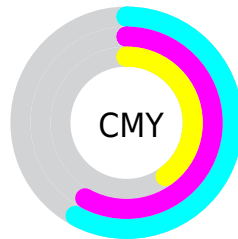


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (58%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7105176 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 7105176 by changing the saturation by 10% instead.



■ 7105176

■ 7105176

16777215

■ 5460606

■ 10526158

■ 3881829

■ 12368107

■ 2303309

■ 14210303

■ 725302

■ 16118015

■ 544

■ 4

■ 0

■ 7105176

■ 7105176

■ 6118296

■ 8092056

■ 5196952

■ 9013400

■ 4209816

■ 10000536

■ 3288472

■ 10921880

■ 2301592

■ 11908760

■ 1380248

■ 12830104

■ 458904

■ 13816984

■ 14738584

■ 15725464

# Harmonies

## Analogous

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



4682396



7105176



8938121

# Triad

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



7105176



9659466



3242858

# Complementary

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



7105176



9869418

# 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.



5208148



7105176



8481857

# Square

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



7105176



10182236



6976324



1080193

# Rectangle

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



7105176



9723515



6976324



3897954



# Sweetspot

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



7105176



11776964



6985368



5855587



14935011



6513507



# Same Dimension

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



7105176



8486596



8612504



4539725



393356



65549



# Inverse Universe

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



9988758



12877505



8362090



5064012



9175174



851980



# Previews

## White Background



This preview shows how the Decimal color 7105176 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 7105176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

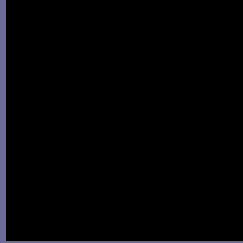
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7105176 Background



This preview shows how black text looks on a background with the Decimal color 7105176.



This preview shows how white text looks on a background with the Decimal color 7105176.

# 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**  
7105176

**Protanopia**  
6385050

**Deuteranopia**  
6450583



**Tritanopia**  
6713465

# Trichromacy



**Original Color**

7105176

**Protanomaly**

6646937

**Deuteranomaly**

6712471

**Tritanomaly**

6844036

# Monochromacy



**Original Color**

7105176

**Achromatopsia**

7368816

**Achromatomaly**

7302783

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7105176 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 #6C6A98 looks like.

```
.text, #text, p{  
    color:#6C6A98  
}
```

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 #6C6A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6A98
}
```

## Border

The CSS property to change the border of an element to Decimal 7105176 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
#6C6A98 }
```

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

```
.border{ border-color:#6C6A98 }
```

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

Here you see how a box with a 4 pixel #6C6A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6A98; -webkit-box-shadow:4px 4px  
4px 4px #6C6A98; box-shadow:4px 4px 4px  
4px #6C6A98 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #6C6A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6A98 }
```

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

```
.background{ background-color:#6C6A98 }
```

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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