

# Converting Colors

Decimal(6976164)

Have a look what the booklet for  
Decimal(6976164) contains.

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# Color

**Decimal(6976164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A72A4
RGB	106, 114, 164
RGB Percent	42%, 45%, 64%
CMY	0.5843, 0.5529, 0.3569
CMYK	0.35, 0.30, 0.00, 0.36
HSL	232°, 24%, 53%
HSV	232°, 35%, 64%
XYZ	18.6620, 17.7791, 37.5701
YIQ	117.3080, -20.8180, 13.8540

# Conversions

## Conversions Part 2

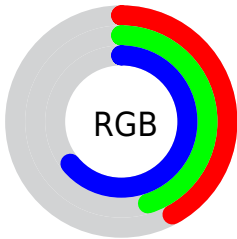
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 113, 164
Decimal	6976164
CIE <sub>Lab</sub>	49.23, 9.46, -27.82
CIE <sub>LCh</sub>	49, 29.382, 288.778
Yxy	17.7791, 0.2522, 0.2402
Android (android.graphics.Color)	4285166244 (0xFF6A72A4)
YUV	117.3080, 23.0192, -9.9171
Hunter-Lab	42.1653, 5.2133, -23.3128

# Details

The Decimal color **6976164** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10787946**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **10462939**, and **3687024** is the 20% darker color. If you saturate the color by 10%, you get **5924004**, and if you desaturate by 10%, it is **8028324**.

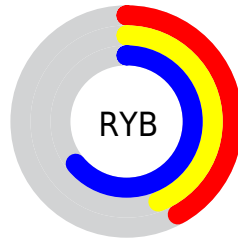
# Distribution



Red (42%)

Green (45%)

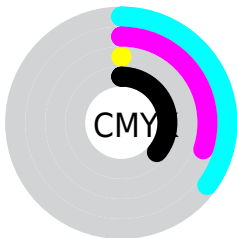
Blue (64%)



Red (42%)

Yellow (44%)

Blue (64%)

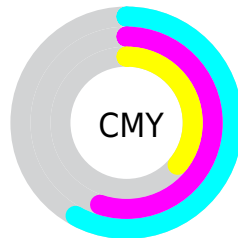


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (55%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6976164 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 6976164 by changing the saturation by 10% instead.



■ 6976164

■ 6976164

16777215

■ 5331594

■ 10462939

■ 3687024

■ 12239352

■ 1977431

■ 14147071

■ 71744

■ 15989247

■ 42

■ 276

■ 0

■ 6976164

■ 6976164

■ 5924004

■ 8028324

■ 4806308

■ 9146020

■ 3754148

■ 10198180

■ 2636196

■ 11316132

■ 1584036

■ 12368292

■ 531876

■ 13420452

■ 6052

■ 14538148

■ 15590308

■ 16708004

# Harmonies

## Analogous

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



4160165



6976164



9136534

# Triad

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



6976164



10446929



3703402

# Complementary

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



6976164



10787946

# 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.



5865043



6976164



9334852

# Square

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



6976164



10904166



7764037



950916

# Rectangle

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



6976164



10118280



7764037



4489570



# Sweetspot

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



6976164



12567254



6988955



6119275



15461355



7039851



# Same Dimension

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



6976164



8161750



8284836



4803410



5265



530



# Inverse Universe

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



10775154



14056585



9479274



5392715



9502740

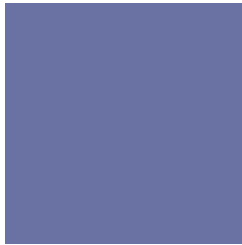


1179650



# Previews

## White Background



This preview shows how the Decimal color 6976164 looks on a white background.

## Color Contrast Check

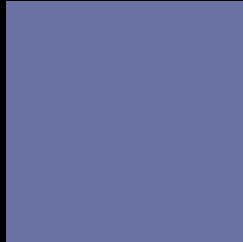
Large Text (above 18pt) WCAG AA ✓ Pass

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 6976164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

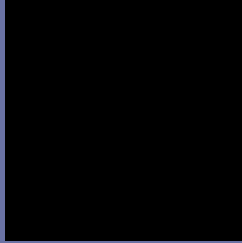
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6976164 Background



This preview shows how black text looks on a background with the Decimal color 6976164.



This preview shows how white text looks on a background with the Decimal color 6976164.

# 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**  
6976164

**Protanopia**  
6648741

**Deuteranopia**  
6648996



**Tritanopia**  
6453634

# Trichromacy



**Original Color**  
6976164

**Protanomaly**  
6779813

**Deuteranomaly**  
6779812

**Tritanomaly**  
6649486

# Monochromacy



**Original Color**  
6976164

**Achromatopsia**  
7697781

**Achromatomaly**  
7435398

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6976164 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 #6A72A4 looks like.

```
.text, #text, p{  
  color:#6A72A4  
}
```

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 #6A72A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A72A4
}
```

## Border

The CSS property to change the border of an element to Decimal 6976164 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
#6A72A4 }
```

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

```
.border{ border-color:#6A72A4 }
```

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

Here you see how a box with a 4 pixel #6A72A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A72A4; -webkit-box-shadow:4px 4px  
4px 4px #6A72A4; box-shadow:4px 4px 4px  
4px #6A72A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6976164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A72A4 }
```

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

```
.background{ background-color:#6A72A4 }
```

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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