

# Converting Colors

Decimal(6911968)

Have a look what the booklet for  
Decimal(6911968) contains.

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# **Color**

**Decimal(6911968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6977E0
RGB	105, 119, 224
RGB Percent	41%, 47%, 88%
CMY	0.5882, 0.5333, 0.1216
CMYK	0.53, 0.47, 0.00, 0.12
HSL	233°, 66%, 65%
HSV	233°, 53%, 88%
XYZ	25.8771, 21.5787, 73.3223
YIQ	126.7840, -42.0490, 29.6870

# Conversions

## Conversions Part 2

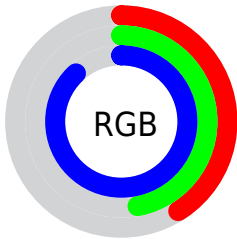
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 118, 224
Decimal	6911968
CIE <sub>Lab</sub>	53.58, 24.16, -55.34
CIE <sub>LCh</sub>	54, 60.386, 293.585
Yxy	21.5787, 0.2143, 0.1787
Android (android.graphics.Color)	4285102048 (0xFF6977E0)
YUV	126.7840, 47.9275, -19.1046
Hunter-Lab	46.4529, 18.1427, -61.0675

# Details

The Decimal color **6911968** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **14733929**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **10726399**, and **2705320** is the 20% darker color. If you saturate the color by 10%, you get **5465056**, and if you desaturate by 10%, it is **8358880**.

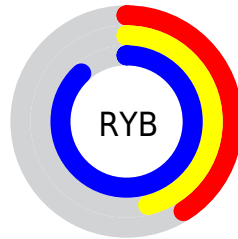
# Distribution



Red (41%)

Green (47%)

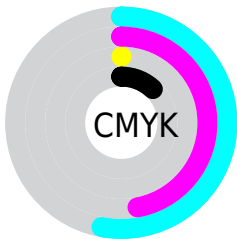
Blue (88%)



Red (41%)

Yellow (46%)

Blue (88%)

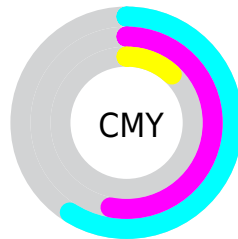


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (59%)

Magenta (53%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6911968 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 6911968 by changing the saturation by 10% instead.



■ 6911968

■ 6911968

16777215

■ 4939460

■ 10726399

■ 2705320

■ 12633855

■ 12685

■ 14607103

■ 7539

■ 16580607

■ 1882

■ 1857

■ 810

■ 276

■ 0

■ 6911968

■ 6911968

■ 5465056

■ 8358880

■ 3952608

■ 9871328

■ 2505952

■ 11317984

■ 993504

■ 12830432

■ 6880

■ 14277344

■ 15724256

■ 16777184

# Harmonies

## Analogous

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



35304



6911968



11820991

# Triad

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



6911968



13132843



38771

# Complementary

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



6911968



14733929

# 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.



2528062



6911968



10713600

# Square

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



6911968



14438490



7440652



39080

# Rectangle

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



6911968



13586847



7440652



38497



# Sweetspot

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



6911968



14081023



6938832



6777472



0



8421504



# Same Dimension

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



6911968



6057983



9791968



6645360



5552



1584



# Inverse Universe

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



14707063



16735343



11853929



7365990



11534357

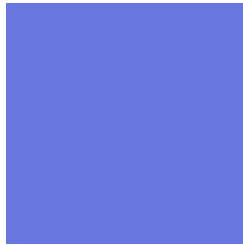


3145734



# Previews

## White Background



This preview shows how the Decimal color 6911968 looks on a white background.

## Color Contrast Check

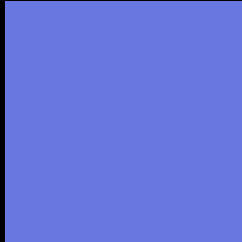
Large Text (above 18pt) WCAG AA ✓ Pass

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 6911968 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

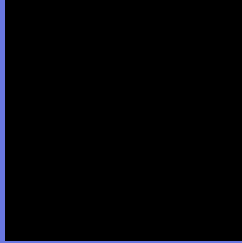
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6911968 Background



This preview shows how black text looks on a background with the Decimal color 6911968.



This preview shows how white text looks on a background with the Decimal color 6911968.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6911968 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 #6977E0 looks like.

```
.text, #text, p{  
    color:#6977E0  
}
```

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 #6977E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6977E0
}
```

## Border

The CSS property to change the border of an element to Decimal 6911968 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
#6977E0 }
```

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

```
.border{ border-color:#6977E0 }
```

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

Here you see how a box with a 4 pixel #6977E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6977E0; -webkit-box-shadow:4px 4px  
4px 4px #6977E0; box-shadow:4px 4px 4px  
4px #6977E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6911968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6977E0 }
```

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

```
.background{ background-color:#6977E0 }
```

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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