

# Converting Colors

Decimal(6910146)

Have a look what the booklet for  
Decimal(6910146) contains.

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# Color

**Decimal(6910146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6970C2
RGB	105, 112, 194
RGB Percent	41%, 44%, 76%
CMY	0.5882, 0.5608, 0.2392
CMYK	0.46, 0.42, 0.00, 0.24
HSL	235°, 42%, 59%
HSV	235°, 46%, 76%
XYZ	21.3575, 18.4866, 53.4816
YIQ	119.2550, -30.4940, 24.0180

# Conversions

## Conversions Part 2

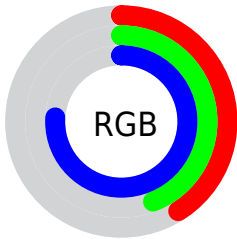
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 111, 194
Decimal	6910146
CIE Lab	50.08, 19.14, -43.87
CIE LCh	50, 47.864, 293.577
Yxy	18.4866, 0.2288, 0.1981
Android (android.graphics.Color)	4285100226 (0xFF6970C2)
YUV	119.2550, 36.8493, -12.5016
Hunter-Lab	42.9961, 13.4232, -43.6518

# Details

The Decimal color **6910146** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **12761961**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10527995**, and **3228044** is the 20% darker color. If you saturate the color by 10%, you get **5660354**, and if you desaturate by 10%, it is **8159938**.

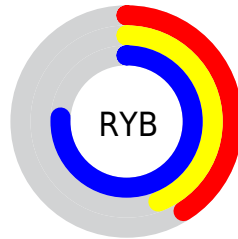
# Distribution



Red (41%)

Green (44%)

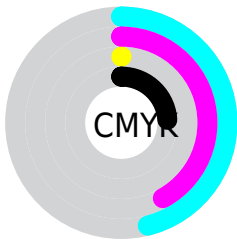
Blue (76%)



Red (41%)

Yellow (44%)

Blue (76%)

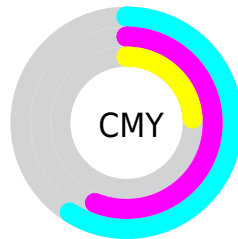


Cyan (46%)

Magenta (42%)

Yellow (0%)

Black (24%)



Cyan (59%)

Magenta (56%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6910146 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 6910146 by changing the saturation by 10% instead.



■ 6910146

■ 6910146

16777215

■ 5134503

■ 10527995

■ 3228044

■ 12435455

■ 863090

■ 14277375

■ 5977

■ 16250879

■ 65

■ 810

■ 276

■ 0

■ 6910146

■ 6910146

■ 5660354

■ 8159938

■ 4345026

■ 9475266

■ 3095234

■ 10725058

■ 1780162

■ 12040130

■ 530370

■ 13289922

■ 4034

■ 14539714

■ 15855042

■ 16777154

# Harmonies

## Analogous

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



32456



6910146



10510248

# Triad

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



6910146



11690550



35437

# Complementary

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



6910146



12761961

# 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.



3835460



6910146



9728544

# Square

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



6910146



12670297



7241510



35735

# Rectangle

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



6910146



11949455



7241510



35167



# Sweetspot

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



6910146



14277884



6931131



6974592



0



8421504



# Same Dimension

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



6910146



7503356



9333186



5724257



3489



801



# Inverse Universe

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



12740976



16544381



10338921



6379352



10551309

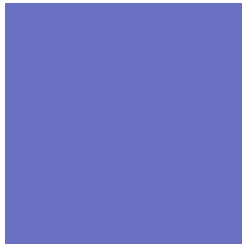


2162691



# Previews

## White Background



This preview shows how the Decimal color 6910146 looks on a white background.

## Color Contrast Check

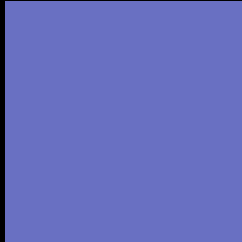
Large Text (above 18pt) WCAG AA ✓ Pass

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 6910146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

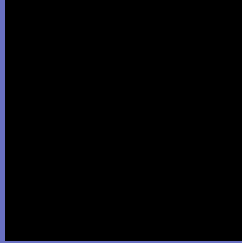
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6910146 Background



This preview shows how black text looks on a background with the Decimal color 6910146.

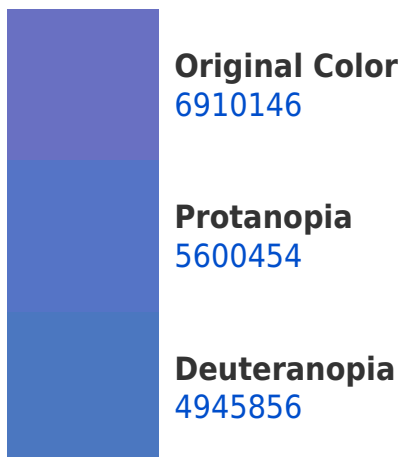


This preview shows how white text looks on a background with the Decimal color 6910146.

# 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



**Original Color**  
6910146

**Protanomaly**  
6058949

**Deuteranomaly**  
5665985

**Tritanomaly**  
6256796

# Monochromacy



**Original Color**  
6910146

**Achromatopsia**  
7829367

**Achromatomaly**  
7500946

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6910146 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 #6970C2 looks like.

```
.text, #text, p{  
    color:#6970C2  
}
```

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 #6970C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6970C2
}
```

## Border

The CSS property to change the border of an element to Decimal 6910146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

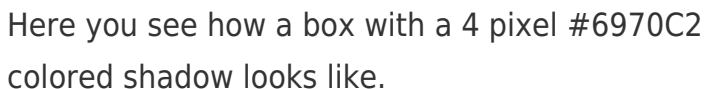
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6970C2 }
```

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

```
.border{ border-color:#6970C2 }
```

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



Here you see how a box with a 4 pixel #6970C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6970C2; -webkit-box-shadow:4px 4px  
4px 4px #6970C2; box-shadow:4px 4px 4px  
4px #6970C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 6910146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6970C2 }
```

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

```
.background{ background-color:#6970C2 }
```

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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