

# Converting Colors

Decimal(6967520)

Have a look what the booklet for  
Decimal(6967520) contains.

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**Color**

**Decimal(6967520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A50E0
RGB	106, 80, 224
RGB Percent	42%, 31%, 88%
CMY	0.5843, 0.6863, 0.1216
CMYK	0.53, 0.64, 0.00, 0.12
HSL	251°, 70%, 60%
HSV	251°, 64%, 88%
XYZ	22.2671, 14.1833, 72.0851
YIQ	104.1900, -30.7280, 50.2960

# Conversions

## Conversions Part 2

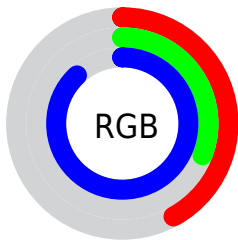
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 80, 224
Decimal	6967520
CIE <sub>Lab</sub>	44.49, 47.48, -70.01
CIE <sub>LCh</sub>	44, 84.591, 304.144
Yxy	14.1833, 0.2052, 0.1307
Android (android.graphics.Color)	4285157600 (0xFF6A50E0)
YUV	104.1900, 59.0663, 1.5874
Hunter-Lab	37.6607, 39.6326, -87.1223

# Details

The Decimal color **6967520** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **13033552**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10912767**, and **2433192** is the 20% darker color. If you saturate the color by 10%, you get **5782240**, and if you desaturate by 10%, it is **8152800**.

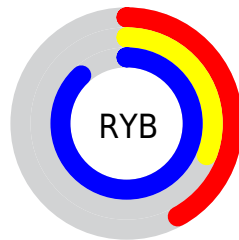
# Distribution



Red (42%)

Green (31%)

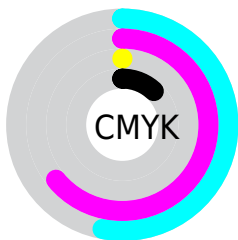
Blue (88%)



Red (42%)

Yellow (31%)

Blue (88%)

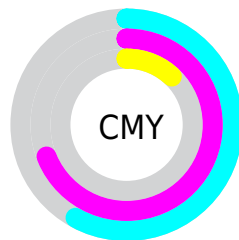


Cyan (53%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (58%)

Magenta (69%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6967520 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 6967520 by changing the saturation by 10% instead.



■ 6967520

■ 6967520

16777215

■ 4929731

■ 10912767

■ 2433192

■ 12885503

■ 2188

■ 14858751

■ 114

■ 16766463

■ 88

■ 16773631

■ 1856

■ 809

■ 275

■ 0

■ 6967520

■ 6967520

■ 5782240

■ 8152800

■ 4531168

■ 9403872

■ 3345888

■ 10589152

■ 2621664

■ 11774688

■ 13025504

■ 14210784

■ 15396320

■ 16646112

■ 16777184

# Harmonies

## Analogous

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



29177



6967520



12648872

# Triad

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



6967520



11553792



34162

# Complementary

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



6967520



1303352

# 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.



33316



6967520



7891456

# Square

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



6967520



13894174



2456064



34232

# Rectangle

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



6967520



14221434



2456064



33881



# Sweetspot

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



6967520



14143487



5294304



6775424



0



8421504



# Same Dimension

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



6967520



6175743



11555040



6776176



2097328



589872



# Inverse Universe

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



14700742



16727004



8446032



7365998



11534480

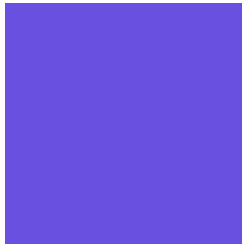


3145768



# Previews

## White Background



This preview shows how the Decimal color 6967520 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 6967520 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

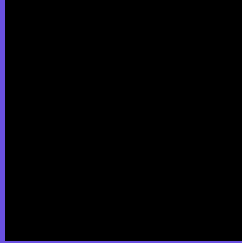
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6967520 Background



This preview shows how black text looks on a background with the Decimal color 6967520.

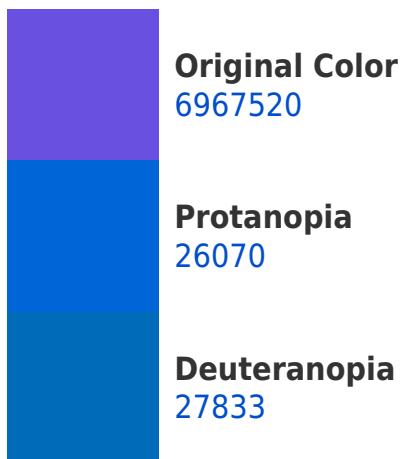


This preview shows how white text looks on a background with the Decimal color 6967520.

# 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





**Tritanopia**  
4747128

# Trichromacy



**Original Color**  
6967520



**Protanomaly**  
2579930



**Deuteranomaly**  
2581191



**Tritanomaly**  
5530782

# Monochromacy



**Original Color**  
6967520



**Achromatopsia**  
6842472



**Achromatomaly**  
6905748

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6967520 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 #6A50E0 looks like.

```
.text, #text, p{  
    color:#6A50E0  
}
```

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 #6A50E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A50E0
}
```

## Border

The CSS property to change the border of an element to Decimal 6967520 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
#6A50E0 }
```

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

```
.border{ border-color:#6A50E0 }
```

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

Here you see how a box with a 4 pixel #6A50E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A50E0; -webkit-box-shadow:4px 4px  
4px 4px #6A50E0; box-shadow:4px 4px 4px  
4px #6A50E0 }
```

# Background

The CSS property to change the background color of an element to Decimal 6967520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A50E0 }
```

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

```
.background{ background-color:#6A50E0 }
```

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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