

Converting Colors

Decimal(6912732)

Have a look what the booklet for
Decimal(6912732) contains.

Decimal(6912732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6912732)

Conversions

Conversions Part 1

Format	Color
Hex	697ADC
RGB	105, 122, 220
RGB Percent	41%, 48%, 86%
CMY	0.5882, 0.5216, 0.1373
CMYK	0.52, 0.45, 0.00, 0.14
HSL	231°, 62%, 64%
HSV	231°, 52%, 86%
XYZ	25.7035, 22.0896, 70.6191
YIQ	128.0890, -41.5900, 26.8740

Conversions

Conversions Part 2

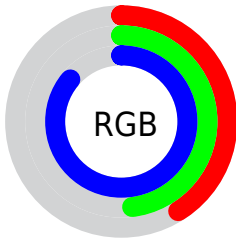
Format	Color
RYB	105, 120, 220
Decimal	6912732
CIELab	54.12, 21.09, -52.22
CIELCh	54, 56.318, 291.988
Yxy	22.0896, 0.2171, 0.1865
Android (android.graphics.Color)	4285102812 (0xFF697ADC)
YUV	128.0890, 45.3121, -20.2491
Hunter-Lab	46.9996, 15.3701, -56.1863

Details

The Decimal color **6912732** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **14469993**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10727167**, and **2837156** is the 20% darker color. If you saturate the color by 10%, you get **5466076**, and if you desaturate by 10%, it is **8359388**.

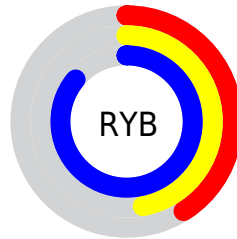
Distribution



Red (41%)

Green (48%)

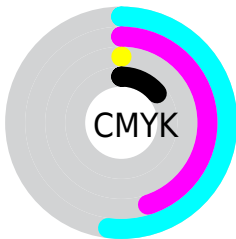
Blue (86%)



Red (41%)

Yellow (47%)

Blue (86%)

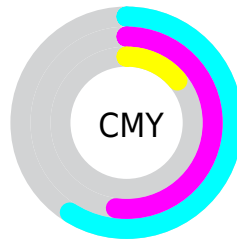


Cyan (52%)

Magenta (45%)

Yellow (0%)

Black (14%)



Cyan (59%)

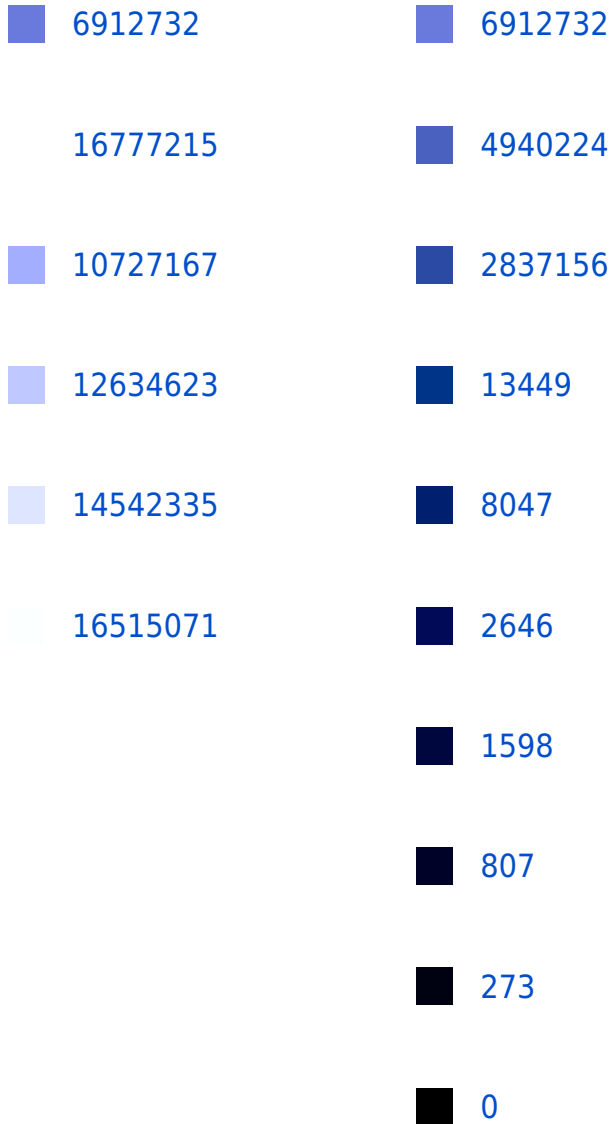
Magenta (52%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6912732 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 6912732 by changing the saturation by 10% instead.



■ 6912732

■ 6912732

■ 5466076

■ 8359388

■ 4019676

■ 9805788

■ 2573020

■ 11252444

■ 1126364

■ 12699100

■ 8668

■ 14145756

■ 15592156

■ 16776668

■ 16777180

Harmonies

Analogous

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



35810



6912732



11494846

Triad

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



6912732



13068085



39026

Complementary

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



6912732



14469993

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.



3707714



6912732



10844693

Square

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



6912732



14243168



7834139



39076

Rectangle

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



6912732



13260961



7834139



38754

Sweetspot

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



6912732



14081279



6937803



6777728



0



8421504

Same Dimension

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



6912732



6190847



9529820



6513774



6829



1838

Inverse Universe

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



14444922



16735862



11852905



7234404



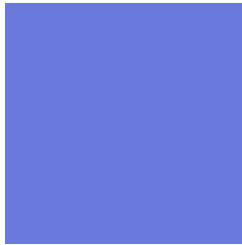
11337754



3014663

Previews

White Background



This preview shows how the Decimal color 6912732 looks on a white background.

Color Contrast Check

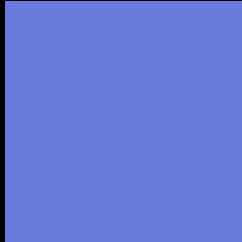
Large Text (above 18pt) WCAG AA ✓ Pass

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 6912732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

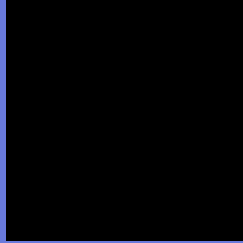
Any Text WCAG AA ✓ Pass

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 6912732 Background



This preview shows how black text looks on a background with the Decimal color 6912732.

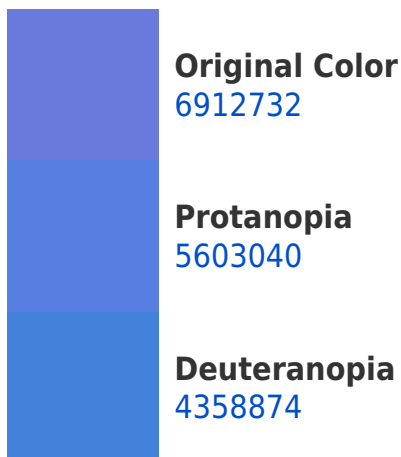



This preview shows how white text looks on a background with the Decimal color 6912732.

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
5343893

Trichromacy



Original Color
6912732

Protanomaly
6061535

Deuteranomaly
5275611

Tritanomaly
5932207

Monochromacy



Original Color
6912732

Achromatopsia
8421504

Achromatomaly
7896737

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6912732 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 #697ADC looks like.

```
.text, #text, p{  
  color:#697ADC  
}
```

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 #697ADC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697ADC
}
```

Border

The CSS property to change the border of an element to Decimal 6912732 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
#697ADC }
```

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

```
.border{ border-color:#697ADC }
```

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

Here you see how a box with a 4 pixel #697ADC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697ADC; -webkit-box-shadow:4px 4px  
4px 4px #697ADC; box-shadow:4px 4px 4px  
4px #697ADC }
```

Background

The CSS property to change the background color of an element to Decimal 6912732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697ADC }
```

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

```
.background{ background-color:#697ADC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor