

# Converting Colors

Decimal(6986743)

Have a look what the booklet for  
Decimal(6986743) contains.

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# **Color**

**Decimal(6986743)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9BF7
RGB	106, 155, 247
RGB Percent	42%, 61%, 97%
CMY	0.5843, 0.3922, 0.0314
CMYK	0.57, 0.37, 0.00, 0.03
HSL	219°, 90%, 69%
HSV	219°, 57%, 97%
XYZ	34.4537, 33.2223, 92.5923
YIQ	150.8370, -58.7360, 18.2240

# Conversions

## Conversions Part 2

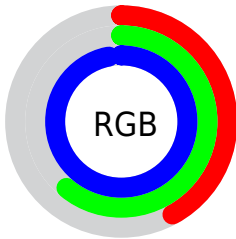
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	106, 142, 247
Decimal	6986743
CIELab	64.34, 10.21, -50.96
CIElCh	64, 51.977, 281.331
Yxy	33.2223, 0.2150, 0.2073
Android (android.graphics.Color)	4285176823 (0xFF6A9BF7)
YUV	150.8370, 47.4084, -39.3220
Hunter-Lab	57.6388, 5.8310, -54.8978

# Details

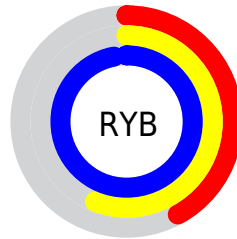
The Decimal color **6986743** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16238186**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10932735**, and **2386110** is the 20% darker color. If you saturate the color by 10%, you get **5344247**, and if you desaturate by 10%, it is **8629239**.

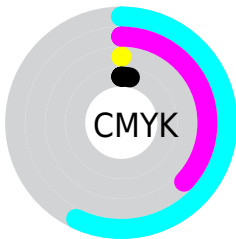
# Distribution



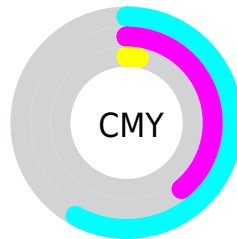
- Red (42%)
- Green (61%)
- Blue (97%)



- Red (42%)
- Yellow (56%)
- Blue (97%)



- Cyan (57%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (39%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6986743 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 6986743 by changing the saturation by 10% instead.



 6986743

 6986743

16777215

 4882906

 10932735

 2386110

 12905983

 20899

 14876671

 14984

 9838

 4437

 1597

 806

 271

■ 6986743

■ 6986743

■ 5344247

■ 8629239

■ 3767287

■ 10206199

■ 2124791

■ 11848695

■ 482295

■ 13491191

■ 22263

■ 15068407

■ 16710903

■ 16777207

# Harmonies

## Analogous

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



43507



6986743



11962850

# Triad

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



6986743



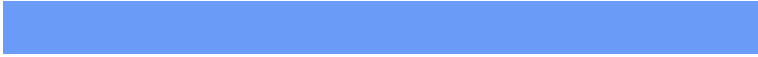
15367777



1945981

# Complementary

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



6986743



16238186

# 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.



7580499



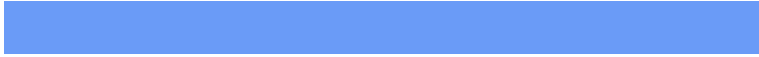
6986743



13537090

# Square

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



6986743



15889548



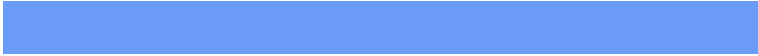
10919740



45997

# Rectangle

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



6986743



14122441



10919740



4566894



# Sweetspot

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



6986743



13951999



7010246



6713216



0

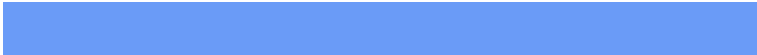


8421504



# Same Dimension

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



6986743



5213439



8350455



7238266



16826



5179



# Inverse Universe

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



16214683



16732044



14874474



8023666



12189761



3866644



# Previews

## White Background



This preview shows how the Decimal color 6986743 looks on a white background.

## Color Contrast Check

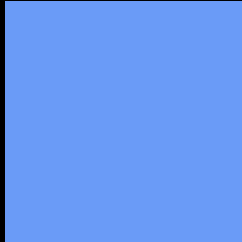
Large Text (above 18pt) WCAG AA × Fail

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 6986743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

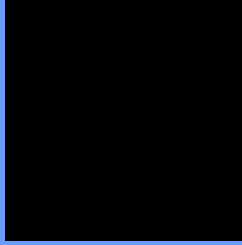
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

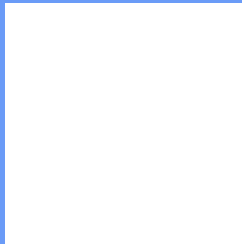
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6986743 Background



This preview shows how black text looks on a background with the Decimal color 6986743.



This preview shows how white text looks on a background with the Decimal color 6986743.

# 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**  
6986743

**Protanopia**  
7969013

**Deuteranopia**  
6855671



**Tritanopia**  
5286070

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6986743 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 #6A9BF7 looks like.

```
.text, #text, p{  
    color:#6A9BF7  
}
```

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 #6A9BF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9BF7
}
```

## Border

The CSS property to change the border of an element to Decimal 6986743 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
#6A9BF7 }
```

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

```
.border{ border-color:#6A9BF7 }
```

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

Here you see how a box with a 4 pixel #6A9BF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9BF7; -webkit-box-shadow:4px 4px  
4px 4px #6A9BF7; box-shadow:4px 4px 4px  
4px #6A9BF7 }
```

# Background

The CSS property to change the background color of an element to Decimal 6986743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9BF7 }
```

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

```
.background{ background-color:#6A9BF7 }
```

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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