

# Converting Colors

Decimal(7247861)

Have a look what the booklet for  
Decimal(7247861) contains.

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# **Color**

**Decimal(7247861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E97F5
RGB	110, 151, 245
RGB Percent	43%, 59%, 96%
CMY	0.5686, 0.4078, 0.0392
CMYK	0.55, 0.38, 0.00, 0.04
HSL	222°, 87%, 70%
HSV	222°, 55%, 96%
XYZ	33.9784, 32.0408, 90.7798
YIQ	149.4570, -54.6100, 20.5420

# Conversions

## Conversions Part 2

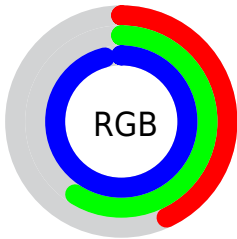
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	110, 141, 245
Decimal	7247861
CIE Lab	63.38, 12.72, -51.38
CIE LCh	63, 52.933, 283.905
Yxy	32.0408, 0.2167, 0.2043
Android (android.graphics.Color)	4285437941 (0xFF6E97F5)
YUV	149.4570, 47.1027, -34.6038
Hunter-Lab	56.6046, 8.0915, -55.4634

# Details

The Decimal color **7247861** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **16108654**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11128319**, and **2909628** is the 20% darker color. If you saturate the color by 10%, you get **5670645**, and if you desaturate by 10%, it is **8890613**.

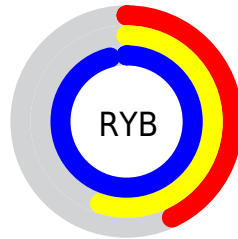
# Distribution



Red (43%)

Green (59%)

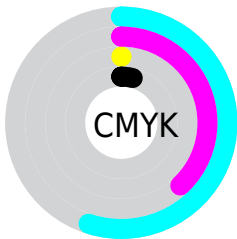
Blue (96%)



Red (43%)

Yellow (55%)

Blue (96%)

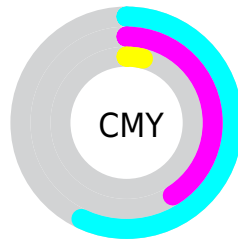


Cyan (55%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (57%)

Magenta (41%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7247861 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 7247861 by changing the saturation by 10% instead.




 7247861

 7247861

16777215

 5209560

 11128319

 2909628

 13101567

 19873

 15073279

 14214

 9068

 3411

 1595

 549

 269

■ 7247861

■ 7247861

■ 5670645

■ 8890613

■ 4027893

■ 10467829

■ 2450677

■ 12110581

■ 807925

■ 13687797

■ 19189

■ 15330549

■ 16776693

■ 16777205

# Harmonies

## Analogous

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



42740



7247861



12158174

# Triad

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



7247861



15105114



44926

# Complementary

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



7247861



16108654

# 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.



6990162



7247861



13209148

# Square

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



7247861



15822981



10460728



45487

# Rectangle

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



7247861



14186692



10460728



3649134



# Sweetspot

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



7247861



13951487



7271882



6712960



0



8421504



# Same Dimension

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



7247861



5737215



8875765



7238266



14778



4667



# Inverse Universe

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



16084631



16734090



14480750



8023666



12189753



3866642



# Previews

## White Background



This preview shows how the Decimal color 7247861 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 7247861 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

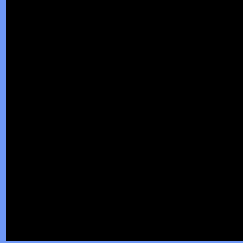
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

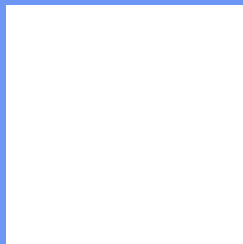
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7247861 Background



This preview shows how black text looks on a background with the Decimal color 7247861.



This preview shows how white text looks on a background with the Decimal color 7247861.

# 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**  
7247861

**Protanopia**  
7706356

**Deuteranopia**  
6593013



**Tritanopia**  
5612978

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7247861 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 #6E97F5 looks like.

```
.text, #text, p{  
  color:#6E97F5  
}
```

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 #6E97F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E97F5  
}
```

## Border

The CSS property to change the border of an element to Decimal 7247861 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  
#6E97F5 }
```

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

```
.border{ border-color:#6E97F5 }
```

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

Here you see how a box with a 4 pixel #6E97F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E97F5; -webkit-box-shadow:4px 4px  
4px 4px #6E97F5; box-shadow:4px 4px 4px  
4px #6E97F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7247861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E97F5 }
```

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

```
.background{ background-color:#6E97F5 }
```

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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