

Converting Colors

Decimal(7711734)

Have a look what the booklet for
Decimal(7711734) contains.

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Color

Decimal(7711734)

Conversions

Conversions Part 1

Format	Color
Hex	75ABF6
RGB	117, 171, 246
RGB Percent	46%, 67%, 96%
CMY	0.5412, 0.3294, 0.0353
CMYK	0.52, 0.30, 0.00, 0.04
HSL	215°, 88%, 71%
HSV	215°, 52%, 96%
XYZ	38.5336, 39.5615, 92.7940
YIQ	163.4040, -56.2590, 11.8770

Conversions

Conversions Part 2

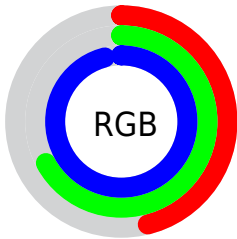
Format	Color
R _Y B	117, 155, 246
Decimal	7711734
CIE Lab	69.16, 3.01, -42.80
CIE LCh	69, 42.904, 274.018
Yxy	39.5615, 0.2255, 0.2315
Android (android.graphics.Color)	4285901814 (0xFF75ABF6)
YUV	163.4040, 40.7198, -40.6963
Hunter-Lab	62.8980, -0.7159, -43.4425

Details

The Decimal color **7711734** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **16171125**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11592447**, and **3635133** is the 20% darker color. If you saturate the color by 10%, you get **6069750**, and if you desaturate by 10%, it is **9353718**.

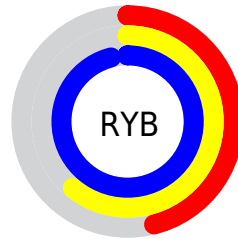
Distribution



Red (46%)

Green (67%)

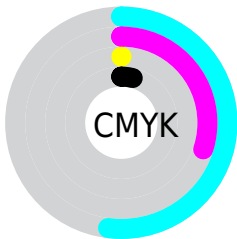
Blue (96%)



Red (46%)

Yellow (61%)

Blue (96%)

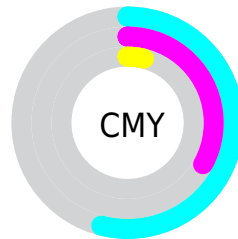


Cyan (52%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (54%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7711734 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 7711734 by changing the saturation by 10% instead.

■ 7711734

■ 7711734

16777215

■ 5738969

■ 11592447

■ 3635133

■ 13500415

■ 155554

■ 15466495

■ 18311

■ 12654

■ 7509

■ 1597

■ 807

■ 272

■ 7711734

■ 7711734

■ 6069750

■ 9353718

■ 4493046

■ 10930422

■ 2851062

■ 12572406

■ 1274614

■ 14148854

■ 26614

■ 15791094

■ 16777206

Harmonies

Analogous

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



112366



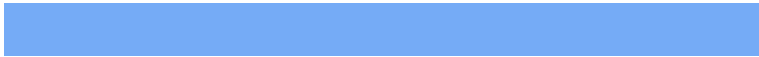
7711734



11836905

Triad

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



7711734



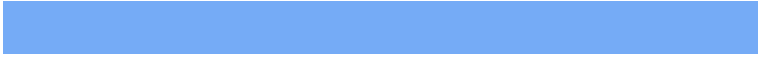
15765119



6470277

Complementary

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



7711734



16171125

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.



9679719



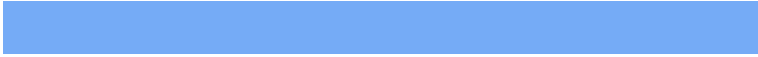
7711734



14523236

Square

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



7711734



15894949



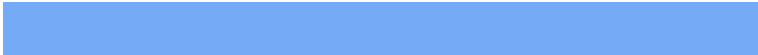
12363866



834989

Rectangle

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



7711734



13800407



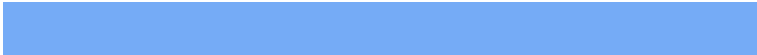
12363866



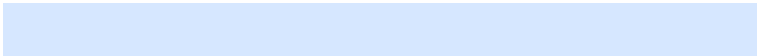
7649402

Sweetspot

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



7711734



14084095



7730878



6779264



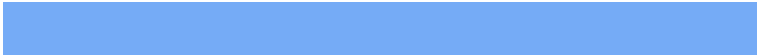
0



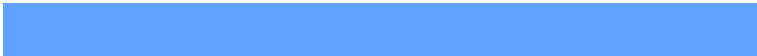
8421504

Same Dimension

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



7711734



6202111



8287734



7238522



20154



6459

Inverse Universe

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



16151979



16735906



15595125



8023667



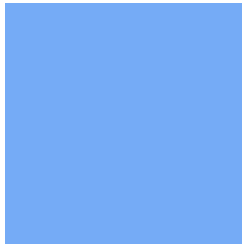
12189774



3866649

Previews

White Background



This preview shows how the Decimal color 7711734 looks on a white background.

Color Contrast Check

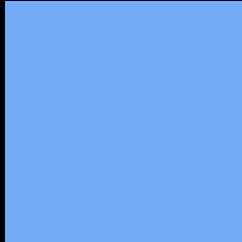
Large Text (above 18pt) WCAG AA × Fail

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 7711734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

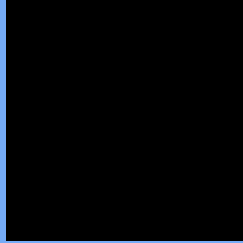
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

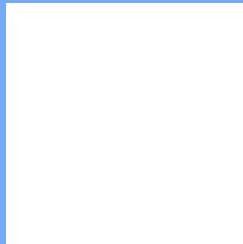
Any Text WCAG AAA ✓ Pass

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

Decimal 7711734 Background



This preview shows how black text looks on a background with the Decimal color 7711734.



This preview shows how white text looks on a background with the Decimal color 7711734.

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](#).

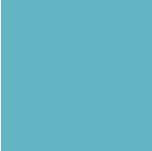
Dichromacy



Original Color
7711734

Protanopia
9479922

Deuteranopia
8890359



Tritanopia
6600131

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7711734 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 #75ABF6 looks like.

```
.text, #text, p{  
    color:#75ABF6  
}
```

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 #75ABF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75ABF6
}
```

Border

The CSS property to change the border of an element to Decimal 7711734 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
#75ABF6 }
```

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

```
.border{ border-color:#75ABF6 }
```

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

Here you see how a box with a 4 pixel #75ABF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75ABF6; -webkit-box-shadow:4px 4px  
4px 4px #75ABF6; box-shadow:4px 4px 4px  
4px #75ABF6 }
```

Background

The CSS property to change the background color of an element to Decimal 7711734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75ABF6 }
```

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

```
.background{ background-color:#75ABF6 }
```

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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