

Converting Colors

Decimal(7382764)

Have a look what the booklet for
Decimal(7382764) contains.

Decimal(7382764)	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(7382764)

Conversions

Conversions Part 1

Format	Color
Hex	70A6EC
RGB	112, 166, 236
RGB Percent	44%, 65%, 93%
CMY	0.5608, 0.3490, 0.0745
CMYK	0.53, 0.30, 0.00, 0.07
HSL	214°, 77%, 68%
HSV	214°, 53%, 93%
XYZ	35.4586, 36.7733, 84.5860
YIQ	157.8340, -54.6540, 10.3220

Conversions

Conversions Part 2

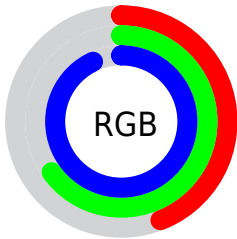
Format	Color
R _Y B	112, 150, 236
Decimal	7382764
CIE Lab	67.11, 1.72, -40.57
CIE LCh	67, 40.605, 272.432
Yxy	36.7733, 0.2261, 0.2345
Android (android.graphics.Color)	4285572844 (0xFF70A6EC)
YUV	157.8340, 38.5358, -40.1964
Hunter-Lab	60.6410, -1.7474, -40.2528

Details

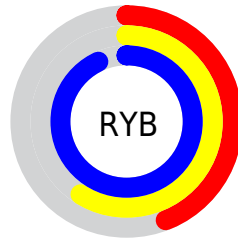
The Decimal color **7382764** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **15513200**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **11197951**, and **3306164** is the 20% darker color. If you saturate the color by 10%, you get **5806572**, and if you desaturate by 10%, it is **8958956**.

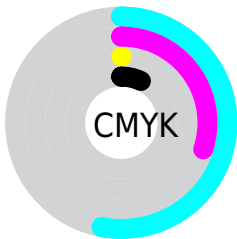
Distribution



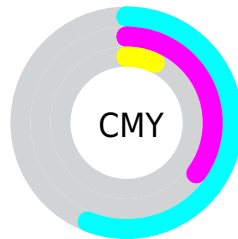
- Red (44%)
- Green (65%)
- Blue (93%)



- Red (44%)
- Yellow (59%)
- Blue (93%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (7%)



- Cyan (56%)
- Magenta (35%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7382764 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 7382764 by changing the saturation by 10% instead.

■ 7382764

■ 7382764

16777215

■ 5410000

■ 11197951

■ 3306164

■ 13105663

■ 23193

■ 15073279

■ 17279

■ 11621

■ 6733

■ 1334

■ 543

■ 3

■ 7382764

■ 7382764

■ 5806572

■ 8958956

■ 4295660

■ 10469868

■ 2719468

■ 12046060

■ 1208812

■ 13556716

■ 26604

■ 15133164

■ 16709356

■ 16777196

Harmonies

Analogous

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



1421539



7382764



11246049

Triad

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



7382764



15174270



6599808

Complementary

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



7382764



15513200

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.



9547108



7382764



14062947

Square

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



7382764



15238818



12100185



2406309

Rectangle

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



7382764



13144272



12100185



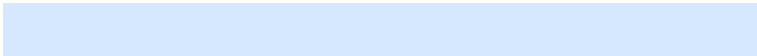
7647861

Sweetspot

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



7382764



14084351



7400628



6779520



0



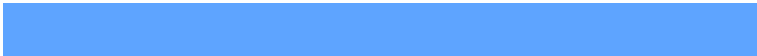
8421504

Same Dimension

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



7382764



6202623



7762156



6975349



20405



5942

Inverse Universe

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



15495334



16735908



15133808



7694959



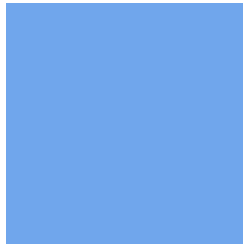
11862095



3538967

Previews

White Background



This preview shows how the Decimal color 7382764 looks on a white background.

Color Contrast Check

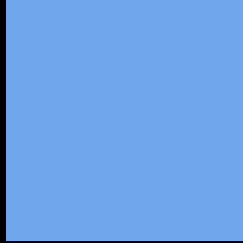
Large Text (above 18pt) WCAG AA × Fail

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 7382764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

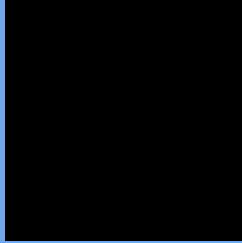
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

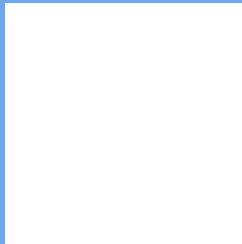
Any Text WCAG AAA ✓ Pass

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

Decimal 7382764 Background



This preview shows how black text looks on a background with the Decimal color 7382764.



This preview shows how white text looks on a background with the Decimal color 7382764.

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](#).

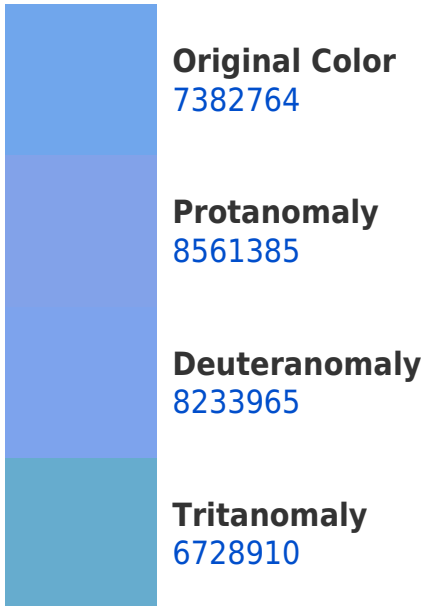
Dichromacy



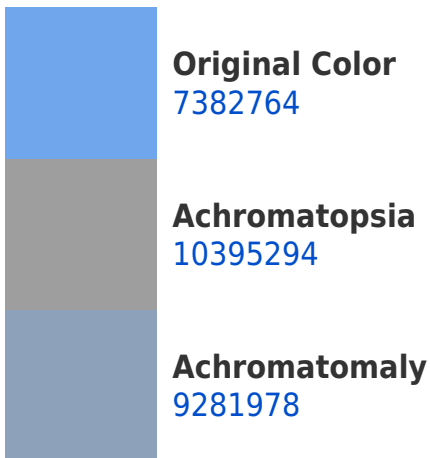


Tritanopia
6336445

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7382764 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 #70A6EC looks like.

```
.text, #text, p{  
    color:#70A6EC  
}
```

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 #70A6EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A6EC
}
```

Border

The CSS property to change the border of an element to Decimal 7382764 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
#70A6EC }
```

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

```
.border{ border-color:#70A6EC }
```

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

Here you see how a box with a 4 pixel #70A6EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A6EC; -webkit-box-shadow:4px 4px  
4px 4px #70A6EC; box-shadow:4px 4px 4px  
4px #70A6EC }
```

Background

The CSS property to change the background color of an element to Decimal 7382764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A6EC }
```

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

```
.background{ background-color:#70A6EC }
```

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