

# Converting Colors

Decimal(7313894)

Have a look what the booklet for  
Decimal(7313894) contains.

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# **Color**

**Decimal(7313894)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F99E6
RGB	111, 153, 230
RGB Percent	44%, 60%, 90%
CMY	0.5647, 0.4000, 0.0980
CMYK	0.52, 0.33, 0.00, 0.10
HSL	219°, 70%, 67%
HSV	219°, 52%, 90%
XYZ	32.2297, 31.8751, 79.3167
YIQ	149.2200, -49.7490, 15.0430

# Conversions

## Conversions Part 2

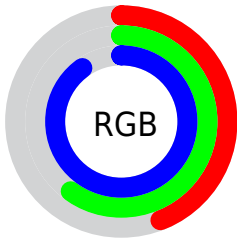
Format	Color
R <sub>Y</sub> B	111, 142, 230
Decimal	7313894
CIE Lab	63.24, 7.12, -43.34
CIE LCh	63, 43.916, 279.325
Yxy	31.8751, 0.2247, 0.2222
Android (android.graphics.Color)	4285503974 (0xFF6F99E6)
YUV	149.2200, 39.8245, -33.5189
Hunter-Lab	56.4581, 3.0970, -43.7746

# Details

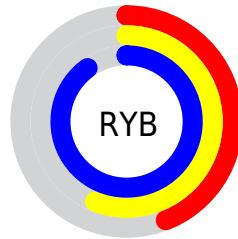
The Decimal color **7313894** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **15121519**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11128831**, and **3303086** is the 20% darker color. If you saturate the color by 10%, you get **5802726**, and if you desaturate by 10%, it is **8825062**.

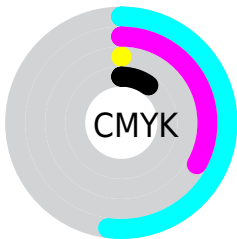
# Distribution



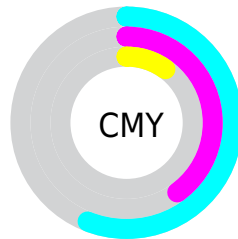
- Red (44%)
- Green (60%)
- Blue (90%)



- Red (44%)
- Yellow (56%)
- Blue (90%)



- Cyan (52%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



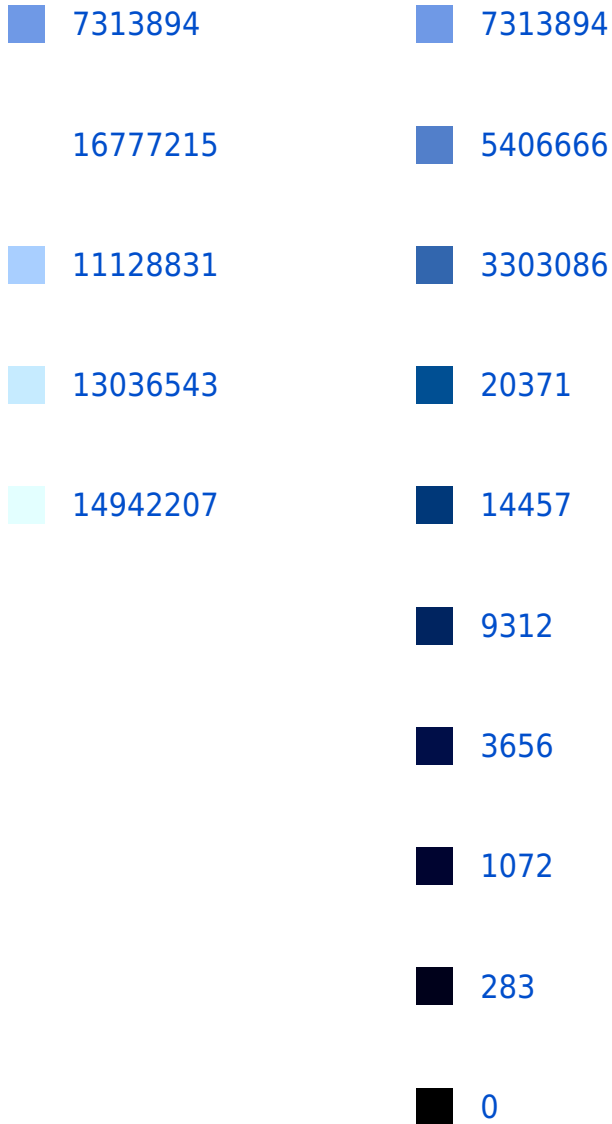
- Cyan (56%)
- Magenta (40%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7313894 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 7313894 by changing the saturation by 10% instead.





■ 7313894

■ 7313894

■ 5802726

■ 8825062

■ 4291558

■ 10336230

■ 2780390

■ 11847398

■ 1269222

■ 13358566

■ 20966

■ 14869478

■ 16380646

■ 16777190

# Harmonies

## Analogous

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



42466



7313894



11307734

# Triad

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



7313894



14581865



4500348

# Complementary

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



7313894



15121519

# 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.



8103259



7313894



13077840

# Square

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



7313894



14907790



10853194



44452

# Rectangle

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



7313894



13205954



10853194



5876336



# Sweetspot

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



7313894



14083583



7333562



6779008



0



8421504



# Same Dimension

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



7313894



6396415



8351718



6777715



16307



4659



# Inverse Universe

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



15101849



16736665



14083695



7563115



11731007



3342354



# Previews

## White Background



This preview shows how the Decimal color 7313894 looks on a white background.

## Color Contrast Check

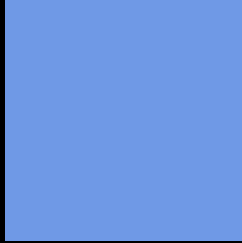
Large Text (above 18pt) WCAG AA × Fail

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 7313894 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 7313894 Background



This preview shows how black text looks on a background with the Decimal color 7313894.



This preview shows how white text looks on a background with the Decimal color 7313894.

# 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**  
7313894

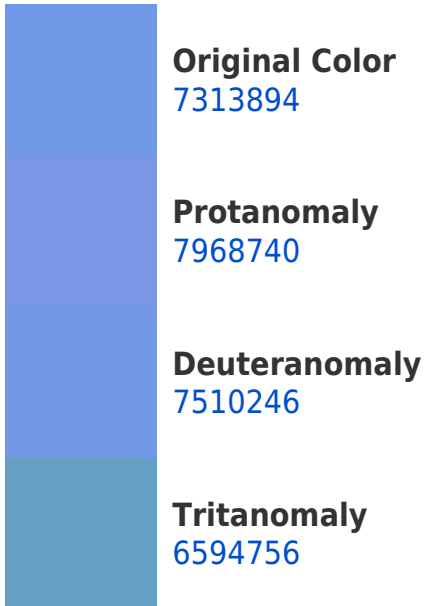
**Protanopia**  
8296163

**Deuteranopia**  
7641318



**Tritanopia**  
6137009

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7313894 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 #6F99E6 looks like.

```
.text, #text, p{  
    color:#6F99E6  
}
```

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 #6F99E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F99E6
}
```

## Border

The CSS property to change the border of an element to Decimal 7313894 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
#6F99E6 }
```

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

```
.border{ border-color:#6F99E6 }
```

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

Here you see how a box with a 4 pixel #6F99E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F99E6; -webkit-box-shadow:4px 4px  
4px 4px #6F99E6; box-shadow:4px 4px 4px  
4px #6F99E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7313894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F99E6 }
```

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

```
.background{ background-color:#6F99E6 }
```

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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