

Converting Colors

Decimal(5933284)

Have a look what the booklet for
Decimal(5933284) contains.

Decimal(5933284)	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(5933284)

Conversions

Conversions Part 1

Format	Color
Hex	5A88E4
RGB	90, 136, 228
RGB Percent	35%, 53%, 89%
CMY	0.6471, 0.4667, 0.1059
CMYK	0.61, 0.40, 0.00, 0.11
HSL	220°, 72%, 62%
HSV	220°, 61%, 89%
XYZ	27.0242, 25.3834, 76.8739
YIQ	132.7340, -56.9480, 18.8600

Conversions

Conversions Part 2

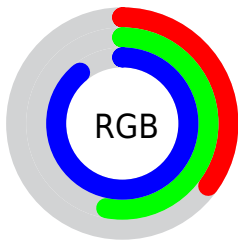
Format	Color
R _Y B	90, 125, 228
Decimal	5933284
CIE Lab	57.45, 12.20, -51.46
CIE LCh	57, 52.882, 283.338
Yxy	25.3834, 0.2090, 0.1963
Android (android.graphics.Color)	4284123364 (0xFF5A88E4)
YUV	132.7340, 46.9661, -37.4777
Hunter-Lab	50.3820, 7.5766, -55.1987

Details

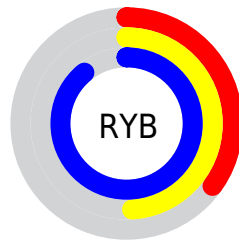
The Decimal color **5933284** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **14988890**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **9879039**, and **87980** is the 20% darker color. If you saturate the color by 10%, you get **4422116**, and if you desaturate by 10%, it is **7444452**.

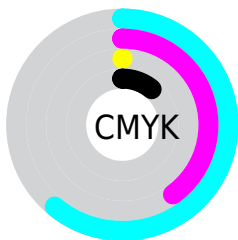
Distribution



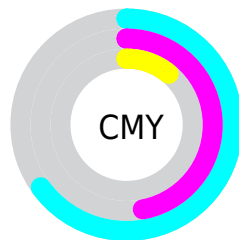
- Red (35%)
- Green (53%)
- Blue (89%)



- Red (35%)
- Yellow (49%)
- Blue (89%)



- Cyan (61%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (65%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5933284 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 5933284 by changing the saturation by 10% instead.

■ 5933284

■ 5933284

16777215

■ 3764168

■ 9879039

■ 87980

■ 11852287

■ 16529

■ 13759999

■ 11127

■ 15794175

■ 6237

■ 1861

■ 1070

■ 280

■ 0

■ 5933284

■ 5933284

■ 4422116

■ 7444452

■ 2910948

■ 8955620

■ 1465060

■ 10401508

■ 19684

■ 11912676

■ 13423844

■ 14935012

■ 16446180

■ 16777188

Harmonies

Analogous

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



38626



5933284



10974670

Triad

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



5933284



13986893



40814

Complementary

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



5933284



1498890

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.



6068547



5933284



12090925

Square

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



5933284



14639223



9408040



41118

Rectangle

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



5933284



13003188



9408040



2399583

Sweetspot

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



5933284



13754623



5956790



6516096



0



8421504

Same Dimension

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



5933284



4555775



7428836



6777715



15283



4403

Inverse Universe

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



14965384



16729475



13493338



7563115



11731003



3342353

Previews

White Background



This preview shows how the Decimal color 5933284 looks on a white background.

Color Contrast Check

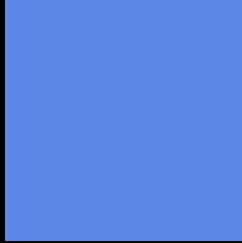
Large Text (above 18pt) WCAG AA ✓ Pass

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 5933284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

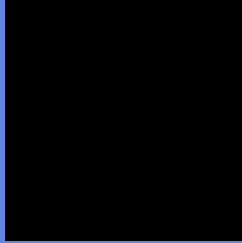
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

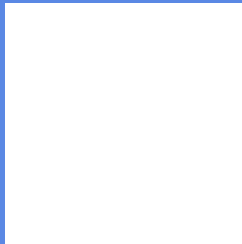
Any Text WCAG AAA × Fail

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

Decimal 5933284 Background



This preview shows how black text looks on a background with the Decimal color 5933284.



This preview shows how white text looks on a background with the Decimal color 5933284.

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



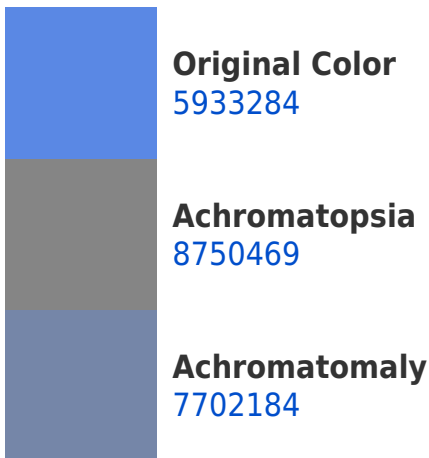


Tritanopia
3970722

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5933284 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 #5A88E4 looks like.

```
.text, #text, p{  
    color:#5A88E4  
}
```

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 #5A88E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A88E4
}
```

Border

The CSS property to change the border of an element to Decimal 5933284 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
#5A88E4 }
```

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

```
.border{ border-color:#5A88E4 }
```

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

Here you see how a box with a 4 pixel #5A88E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A88E4; -webkit-box-shadow:4px 4px  
4px 4px #5A88E4; box-shadow:4px 4px 4px  
4px #5A88E4 }
```

Background

The CSS property to change the background color of an element to Decimal 5933284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A88E4 }
```

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

```
.background{ background-color:#5A88E4 }
```

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