

Converting Colors

Decimal(5940959)

Have a look what the booklet for
Decimal(5940959) contains.

Decimal(5940959)	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(5940959)

Conversions

Conversions Part 1

Format	Color
Hex	5AA6DF
RGB	90, 166, 223
RGB Percent	35%, 65%, 87%
CMY	0.6471, 0.3490, 0.1255
CMYK	0.60, 0.26, 0.00, 0.13
HSL	206°, 68%, 61%
HSV	206°, 60%, 87%
XYZ	31.1720, 34.7738, 74.8811
YIQ	149.7740, -63.5930, 1.6150

Conversions

Conversions Part 2

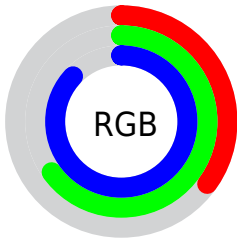
Format	Color
R_{YB}	90, 138, 223
Decimal	5940959
CIE Lab	65.57, -6.80, -35.89
CIE LCh	66, 36.532, 259.280
Yxy	34.7738, 0.2213, 0.2469
Android (android.graphics.Color)	4284131039 (0xFF5AA6DF)
YUV	149.7740, 36.1004, -52.4218
Hunter-Lab	58.9693, -8.8389, -34.0098

Details

The Decimal color **5940959** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **14652250**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9887231**, and **422568** is the 20% darker color. If you saturate the color by 10%, you get **4496607**, and if you desaturate by 10%, it is **7385311**.

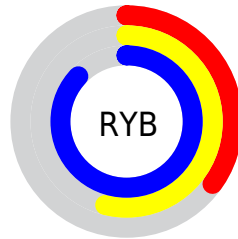
Distribution



Red (35%)

Green (65%)

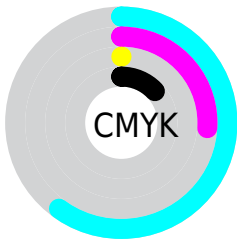
Blue (87%)



Red (35%)

Yellow (54%)

Blue (87%)

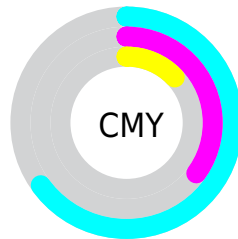


Cyan (60%)

Magenta (26%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5940959 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 5940959 by changing the saturation by 10% instead.

■ 5940959

■ 5940959

16777215

■ 3771587

■ 9887231

■ 422568

■ 11794943

■ 23181

■ 13762559

■ 17267

■ 15728639

■ 11610

■ 6466

■ 812

■ 278

■ 0

■ 5940959

■ 5940959

■ 4496607

■ 7385311

■ 2986975

■ 8894943

■ 1542623

■ 10339295

■ 98527

■ 11783391

■ 32735

■ 13293279

■ 14737375

■ 16181727

■ 16773855

■ 16776415

Harmonies

Analogous

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



1682896



5940959



9608157

Triad

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



5940959



14648971



8039539

Complementary

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



5940959



14652250

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.



10462304



5940959



14061167

Square

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



5940959



14124972



12556639



5222546

Rectangle

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



5940959



11572178



12556639



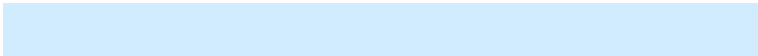
8890731

Sweetspot

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



5940959



13757439



5955473



6517632



0



8421504

Same Dimension

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



5940959



4698367



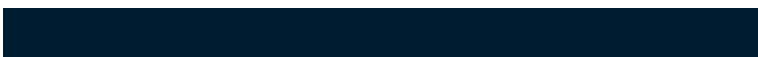
5924319



6646640



26032



7216

Inverse Universe

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



14637734



16730032



14668890



7365995



11534437



3145756

Previews

White Background



This preview shows how the Decimal color 5940959 looks on a white background.

Color Contrast Check

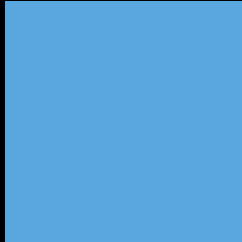
Large Text (above 18pt) WCAG AA × Fail

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 5940959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

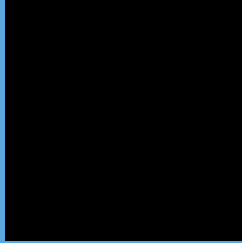
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

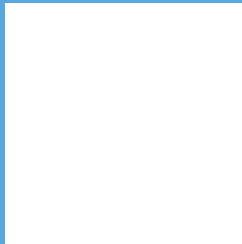
Any Text WCAG AAA ✓ Pass

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

Decimal 5940959 Background



This preview shows how black text looks on a background with the Decimal color 5940959.




This preview shows how white text looks on a background with the Decimal color 5940959.

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](#).

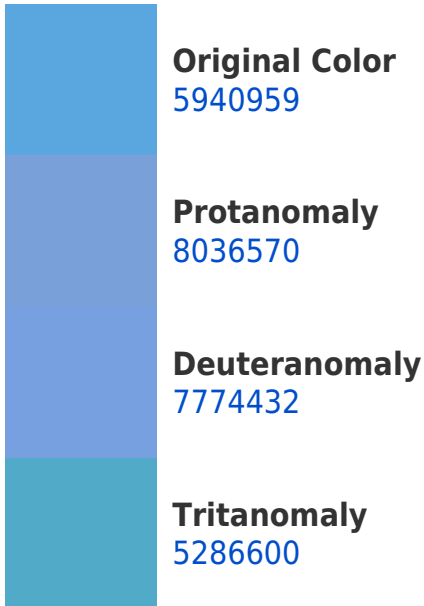
Dichromacy





Tritanopia
4894139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5940959 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 #5AA6DF looks like.

```
.text, #text, p{  
    color:#5AA6DF  
}
```

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 #5AA6DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA6DF
}
```

Border

The CSS property to change the border of an element to Decimal 5940959 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
#5AA6DF }
```

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

```
.border{ border-color:#5AA6DF }
```

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

Here you see how a box with a 4 pixel #5AA6DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA6DF; -webkit-box-shadow:4px 4px  
4px 4px #5AA6DF; box-shadow:4px 4px 4px  
4px #5AA6DF }
```

Background

The CSS property to change the background color of an element to Decimal 5940959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA6DF }
```

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

```
.background{ background-color:#5AA6DF }
```

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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