

Converting Colors

Decimal(6259659)

Have a look what the booklet for
Decimal(6259659) contains.

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Color

Decimal(6259659)

Conversions

Conversions Part 1

Format	Color
Hex	5F83CB
RGB	95, 131, 203
RGB Percent	37%, 51%, 80%
CMY	0.6275, 0.4863, 0.2039
CMYK	0.53, 0.35, 0.00, 0.20
HSL	220°, 51%, 58%
HSV	220°, 53%, 80%
XYZ	23.6151, 22.9773, 59.6903
YIQ	128.4440, -44.5680, 14.7600

Conversions

Conversions Part 2

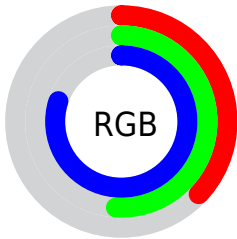
Format	Color
R _Y B	95, 122, 203
Decimal	6259659
CIE Lab	55.05, 8.09, -41.19
CIE LCh	55, 41.974, 281.106
Yxy	22.9773, 0.2222, 0.2162
Android (android.graphics.Color)	4284449739 (0xFF5F83CB)
YUV	128.4440, 36.7561, -29.3304
Hunter-Lab	47.9346, 4.0528, -40.2763

Details

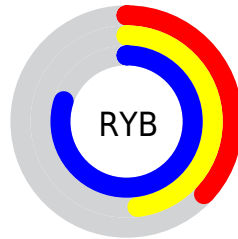
The Decimal color **6259659** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **13346655**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10008831**, and **2183828** is the 20% darker color. If you saturate the color by 10%, you get **4945355**, and if you desaturate by 10%, it is **7573963**.

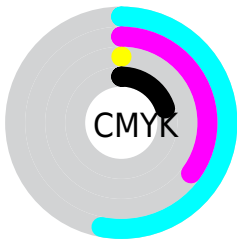
Distribution



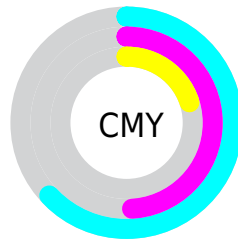
- Red (37%)
- Green (51%)
- Blue (80%)



- Red (37%)
- Yellow (48%)
- Blue (80%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6259659 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 6259659 by changing the saturation by 10% instead.

■ 6259659

■ 6259659

16777215

■ 4352687

■ 10008831

■ 2183828

■ 11850751

■ 15226

■ 13758463

■ 9825

■ 15728639

■ 4681

■ 1074

■ 284

■ 0

■ 6259659

■ 6259659

■ 4945355

■ 7573963

■ 3565771

■ 8953547

■ 2251467

■ 10267851

■ 937419

■ 11581899

■ 17611

■ 12961739

■ 14275787

■ 15590091

■ 16773067

■ 16776651

Harmonies

Analogous

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



36552



6259659



9991611

Triad

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



6259659



12741974



2921835

Complementary

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



6259659



13346655

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.



6655819



6259659



11303486

Square

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



6259659



13133176



9209402



38545

Rectangle

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



6259659



11693223



9209402



4428639

Sweetspot

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



6259659



14083327



6278055



6778752



0



8421504

Same Dimension

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



6259659



6066943



7430091



6053734



14246



3366

Inverse Universe

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



13328259



16735378



12176223



6708319



10879031



2490381

Previews

White Background



This preview shows how the Decimal color 6259659 looks on a white background.

Color Contrast Check

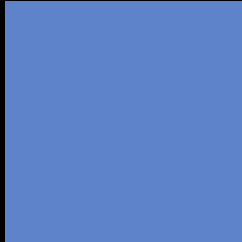
Large Text (above 18pt) WCAG AA ✓ Pass

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 6259659 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 6259659 Background



This preview shows how black text looks on a background with the Decimal color 6259659.

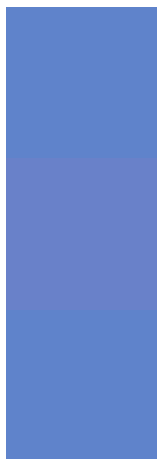


This preview shows how white text looks on a background with the Decimal color 6259659.

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
6259659

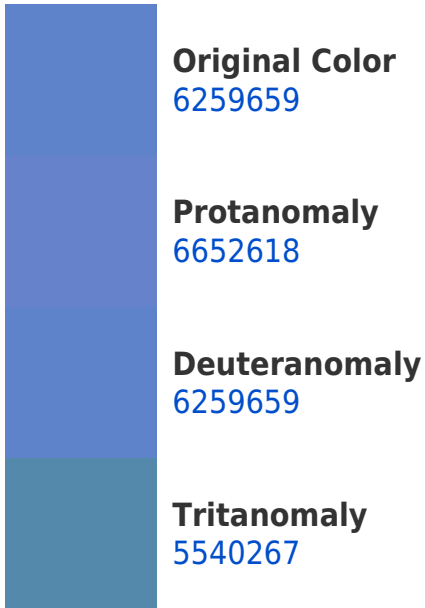
Protanopia
6914505

Deuteranopia
6259659



Tritanopia
5082521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6259659 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 #5F83CB looks like.

```
.text, #text, p{  
    color:#5F83CB  
}
```

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 #5F83CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F83CB
}
```

Border

The CSS property to change the border of an element to Decimal 6259659 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
#5F83CB }
```

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

```
.border{ border-color:#5F83CB }
```

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

Here you see how a box with a 4 pixel #5F83CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F83CB; -webkit-box-shadow:4px 4px  
4px 4px #5F83CB; box-shadow:4px 4px 4px  
4px #5F83CB }
```

Background

The CSS property to change the background color of an element to Decimal 6259659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F83CB }
```

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

```
.background{ background-color:#5F83CB }
```

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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