

Converting Colors

Decimal(6191018)

Have a look what the booklet for
Decimal(6191018) contains.

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Color

Decimal(6191018)

Conversions

Conversions Part 1

Format	Color
Hex	5E77AA
RGB	94, 119, 170
RGB Percent	37%, 47%, 67%
CMY	0.6314, 0.5333, 0.3333
CMYK	0.45, 0.30, 0.00, 0.33
HSL	220°, 31%, 52%
HSV	220°, 45%, 67%
XYZ	18.4686, 18.4756, 40.6230
YIQ	117.3390, -31.2710, 10.5610

Conversions

Conversions Part 2

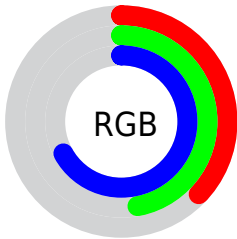
Format	Color
R_{YB}	94, 113, 170
Decimal	6191018
CIE _{Lab}	50.07, 4.83, -30.07
CIE _{LCh}	50, 30.454, 279.119
Yxy	18.4756, 0.2381, 0.2382
Android (android.graphics.Color)	4284381098 (0xFF5E77AA)
YUV	117.3390, 25.9619, -20.4683
Hunter-Lab	42.9833, 1.4754, -25.9460

Details

The Decimal color **6191018** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11178334**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9743330**, and **2705270** is the 20% darker color. If you saturate the color by 10%, you get **5074090**, and if you desaturate by 10%, it is **7307946**.

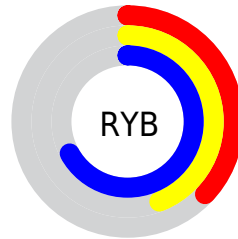
Distribution



Red (37%)

Green (47%)

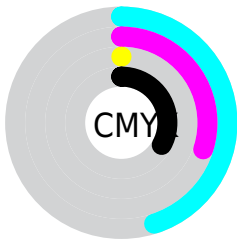
Blue (67%)



Red (37%)

Yellow (44%)

Blue (67%)

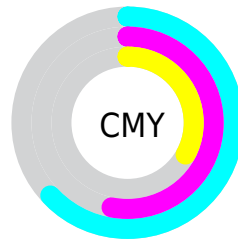


Cyan (45%)

Magenta (30%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6191018 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 6191018 by changing the saturation by 10% instead.

■ 6191018

■ 6191018

16777215

■ 4480655

■ 9743330

■ 2705270

■ 11519742

■ 471389

■ 13361919

■ 7237

■ 15269887

■ 46

■ 281

■ 0

■ 6191018

■ 6191018

■ 5074090

■ 7307946

■ 3956906

■ 8425130

■ 2839978

■ 9542058

■ 1722794

■ 10659242

■ 605866

■ 11776170

■ 14506

■ 12893098

■ 14010282

■ 15127210

■ 16244394

Harmonies

Analogous

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



2981799



6191018



8678815

Triad

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



6191018



10905432



4424548

Complementary

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



6191018



11178334

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.



6586190



6191018



9924423

Square

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



6191018



11101040



8419395



1672574

Rectangle

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



6191018



9922706



8419395



5210716

Sweetspot

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



6191018



12700382



6204049



6186096



15790320



7368816

Same Dimension

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



6191018



6720990



7036586



5001044



12692



1812

Inverse Universe

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



11165303



14575245



10332766



5524559



9699377



1310727

Previews

White Background



This preview shows how the Decimal color 6191018 looks on a white background.

Color Contrast Check

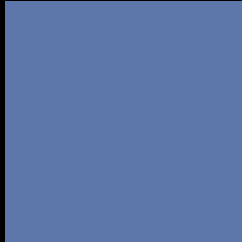
Large Text (above 18pt) WCAG AA ✓ Pass

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 6191018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

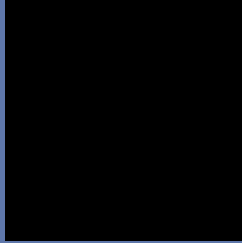
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

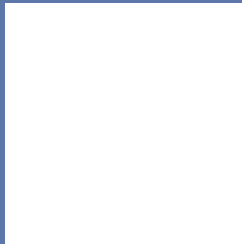
Any Text WCAG AAA × Fail

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

Decimal 6191018 Background



This preview shows how black text looks on a background with the Decimal color 6191018.

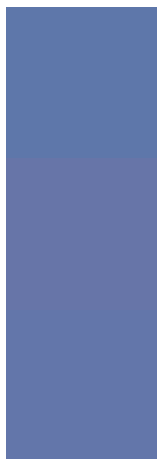


This preview shows how white text looks on a background with the Decimal color 6191018.

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
6191018

Protanopia
6780328

Deuteranopia
6518442

Trichromacy



Original Color
6191018

Protanomaly
6583977

Deuteranomaly
6387370

Tritanomaly
5798804

Monochromacy



Original Color
6191018

Achromatopsia
7697781

Achromatomaly
7173768

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6191018 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 #5E77AA looks like.

```
.text, #text, p{  
    color:#5E77AA  
}
```

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 #5E77AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E77AA
}
```

Border

The CSS property to change the border of an element to Decimal 6191018 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
#5E77AA }
```

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

```
.border{ border-color:#5E77AA }
```

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

Here you see how a box with a 4 pixel #5E77AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E77AA; -webkit-box-shadow:4px 4px  
4px 4px #5E77AA; box-shadow:4px 4px 4px  
4px #5E77AA }
```

Background

The CSS property to change the background color of an element to Decimal 6191018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E77AA }
```

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

```
.background{ background-color:#5E77AA }
```

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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