

Converting Colors

Decimal(6193066)

Have a look what the booklet for
Decimal(6193066) contains.

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Color

Decimal(6193066)

Conversions

Conversions Part 1

Format	Color
Hex	5E7FAA
RGB	94, 127, 170
RGB Percent	37%, 50%, 67%
CMY	0.6314, 0.5020, 0.3333
CMYK	0.45, 0.25, 0.00, 0.33
HSL	214°, 31%, 52%
HSV	214°, 45%, 67%
XYZ	19.4612, 20.4607, 40.9538
YIQ	122.0350, -33.4710, 6.3770

Conversions

Conversions Part 2

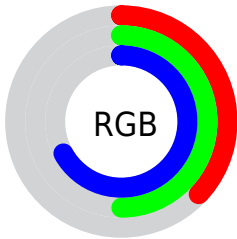
Format	Color
R _Y B	94, 117, 170
Decimal	6193066
CIE Lab	52.35, 0.07, -26.52
CIE LCh	52, 26.517, 270.151
Yxy	20.4607, 0.2406, 0.2530
Android (android.graphics.Color)	4284383146 (0xFF5E7FAA)
YUV	122.0350, 23.6467, -24.5867
Hunter-Lab	45.2335, -2.3612, -22.0169

Details

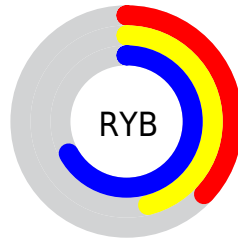
The Decimal color **6193066** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11176286**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9745633**, and **2707062** is the 20% darker color. If you saturate the color by 10%, you get **5076394**, and if you desaturate by 10%, it is **7309738**.

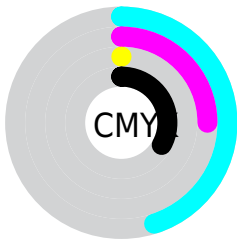
Distribution



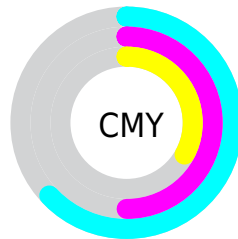
- Red (37%)
- Green (50%)
- Blue (67%)



- Red (37%)
- Yellow (46%)
- Blue (67%)



- Cyan (45%)
- Magenta (25%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6193066 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 6193066 by changing the saturation by 10% instead.



6193066



6193066

16777215



4482703



9745633



2707062



11522046



407645



13364223



8773



15269887



3119



281



0



6193066



6193066



5076394



7309738

■ 3959978

■ 8426154

■ 2843306

■ 9542826

■ 1726890

■ 10659242

■ 610218

■ 11775914

■ 19114

■ 12892586

■ 14009002

■ 15125674

■ 16242346

Harmonies

Analogous

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



3966372



6193066



8419236

Triad

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



6193066



11103591



5932902

Complementary

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



6193066



11176286

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.



7635541



6193066



10450006

Square

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



6193066



11037822



9206863



4163964

Rectangle

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



6193066



9597594



9206863



6522463

Sweetspot

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



6193066



12701406



6204040



6186608



15790320



7368816

Same Dimension

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



6193066



6724318



6446762



5001044



16532



2324

Inverse Universe

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



11165311



14575258



10922590



5524559



9699392



1310729

Previews

White Background



This preview shows how the Decimal color 6193066 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 6193066 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

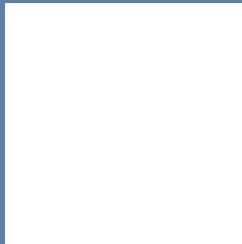
Any Text WCAG AAA × Fail

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

Decimal 6193066 Background



This preview shows how black text looks on a background with the Decimal color 6193066.

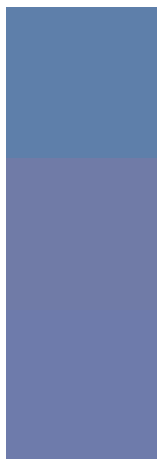


This preview shows how white text looks on a background with the Decimal color 6193066.

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
6193066

Protanopia
7371687

Deuteranopia
7240619



Tritanopia
5670031

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6193066 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 #5E7FAA looks like.

```
.text, #text, p{  
    color:#5E7FAA  
}
```

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 #5E7FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7FAA
}
```

Border

The CSS property to change the border of an element to Decimal 6193066 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
#5E7FAA }
```

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

```
.border{ border-color:#5E7FAA }
```

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

Here you see how a box with a 4 pixel #5E7FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7FAA; -webkit-box-shadow:4px 4px  
4px 4px #5E7FAA; box-shadow:4px 4px 4px  
4px #5E7FAA }
```

Background

The CSS property to change the background color of an element to Decimal 6193066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7FAA }
```

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

```
.background{ background-color:#5E7FAA }
```

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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