

Converting Colors

Decimal(6188451)

Have a look what the booklet for
Decimal(6188451) contains.

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Color

Decimal(6188451)

Conversions

Conversions Part 1

Format	Color
Hex	5E6DA3
RGB	94, 109, 163
RGB Percent	37%, 43%, 64%
CMY	0.6314, 0.5725, 0.3608
CMYK	0.42, 0.33, 0.00, 0.36
HSL	227°, 27%, 50%
HSV	227°, 42%, 64%
XYZ	16.6956, 15.9613, 36.8512
YIQ	110.6710, -26.2740, 13.6140

Conversions

Conversions Part 2

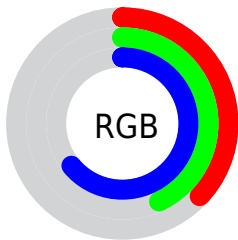
Format	Color
R _Y B	94, 106, 163
Decimal	6188451
CIE Lab	46.92, 8.80, -30.89
CIE LCh	47, 32.117, 285.899
Yxy	15.9613, 0.2402, 0.2296
Android (android.graphics.Color)	4284378531 (0xFF5E6DA3)
YUV	110.6710, 25.7982, -14.6205
Hunter-Lab	39.9516, 4.6790, -26.7228

Details

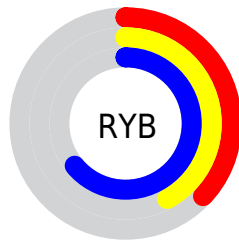
The Decimal color **6188451** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10720350**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **9674970**, and **2768495** is the 20% darker color. If you saturate the color by 10%, you get **5136547**, and if you desaturate by 10%, it is **7240355**.

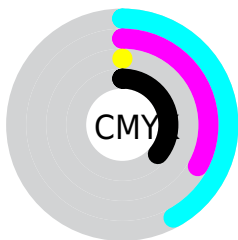
Distribution



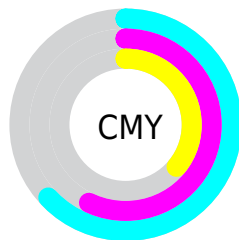
- Red (37%)
- Green (43%)
- Blue (64%)



- Red (37%)
- Yellow (42%)
- Blue (64%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6188451 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 6188451 by changing the saturation by 10% instead.



6188451



6188451

16777215



4478345



9674970



2768495



11516919



731222



13359103



5183



15201279



808



274



0



6188451



6188451



5136547



7240355

■ 4019107

■ 8357795

■ 2967459

■ 9409443

■ 1915555

■ 10461347

■ 863651

■ 11578787

■ 9123

■ 12630691

■ 13682339

■ 14734243

■ 15851683

Harmonies

Analogous

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



2586275



6188451



8676245

Triad

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



6188451



10313802



2980961

Complementary

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



6188451



10720350

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.



5536073



6188451



9136443

Square

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



6188451



10705506



7500346



32125

Rectangle

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



6188451



9788806



7500346



3963992

Sweetspot

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



6188451



12107476



6202259



5922411



15461355



7039851

Same Dimension

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



6188451



6848468



7364259



4803410



8337



1042

Inverse Universe

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



10706541



13920383



9544542



5392715



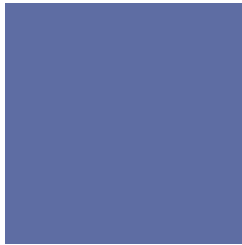
9502752



1179652

Previews

White Background



This preview shows how the Decimal color 6188451 looks on a white 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

Black Background



This preview shows how the Decimal color 6188451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

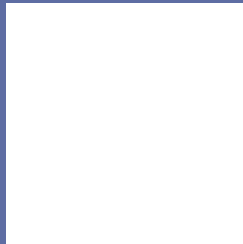
Any Text WCAG AAA × Fail

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

Decimal 6188451 Background



This preview shows how black text looks on a background with the Decimal color 6188451.

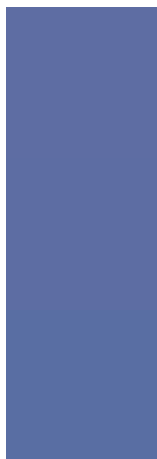


This preview shows how white text looks on a background with the Decimal color 6188451.

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
6188451

Protanopia
6122915

Deuteranopia
5861027



Tritanopia
5534846

Trichromacy



Original Color
6188451

Protanomaly
6122915

Deuteranomaly
5992099

Tritanomaly
5796235

Monochromacy



Original Color
6188451

Achromatopsia
7303023

Achromatomaly
6909570

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6188451 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 #5E6DA3 looks like.

```
.text, #text, p{  
    color:#5E6DA3  
}
```

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 #5E6DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E6DA3
}
```

Border

The CSS property to change the border of an element to Decimal 6188451 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
#5E6DA3 }
```

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

```
.border{ border-color:#5E6DA3 }
```

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

Here you see how a box with a 4 pixel #5E6DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E6DA3; -webkit-box-shadow:4px 4px  
4px 4px #5E6DA3; box-shadow:4px 4px 4px  
4px #5E6DA3 }
```

Background

The CSS property to change the background color of an element to Decimal 6188451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E6DA3 }
```

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

```
.background{ background-color:#5E6DA3 }
```

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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