

Converting Colors

Decimal(6189475)

Have a look what the booklet for
Decimal(6189475) contains.

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Color

Decimal(6189475)

Conversions

Conversions Part 1

Format	Color
Hex	5E71A3
RGB	94, 113, 163
RGB Percent	37%, 44%, 64%
CMY	0.6314, 0.5569, 0.3608
CMYK	0.42, 0.31, 0.00, 0.36
HSL	223°, 27%, 50%
HSV	223°, 42%, 64%
XYZ	17.1321, 16.8343, 36.9967
YIQ	113.0190, -27.3740, 11.5220

Conversions

Conversions Part 2

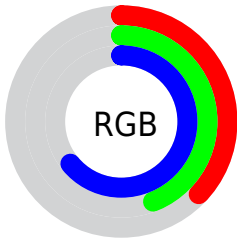
Format	Color
R_{YB}	94, 109, 163
Decimal	6189475
CIE _{Lab}	48.05, 6.36, -29.13
CIE _{LCh}	48, 29.815, 282.318
Yxy	16.8343, 0.2414, 0.2372
Android (android.graphics.Color)	4284379555 (0xFF5E71A3)
YUV	113.0190, 24.6406, -16.6797
Hunter-Lab	41.0296, 2.7316, -24.7415

Details

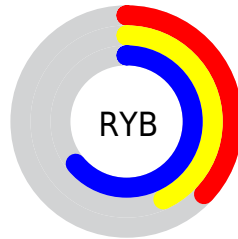
The Decimal color **6189475** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10719326**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9676250**, and **2769263** is the 20% darker color. If you saturate the color by 10%, you get **5137827**, and if you desaturate by 10%, it is **7241123**.

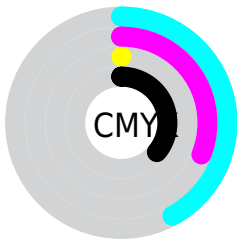
Distribution



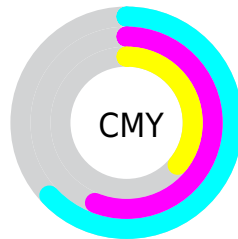
- Red (37%)
- Green (44%)
- Blue (64%)



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



- Cyan (42%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6189475 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 6189475 by changing the saturation by 10% instead.



6189475



6189475

16777215



4479369



9676250



2769263



11452663



797782



13360127



6207



15202559



809



275



0



6189475



6189475



5137827



7241123

■ 4020643

■ 8358307

■ 2969251

■ 9409699

■ 1917603

■ 10461347

■ 865955

■ 11578531

■ 11683

■ 12630179

■ 13681827

■ 14733219

■ 15850403

Harmonies

Analogous

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



3111329



6189475



8546455

Triad

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



6189475



10380113



3964514

Complementary

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



6189475



10719326

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.



6060620



6189475



9399106

Square

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



6189475



10706537



7894080



950140

Rectangle

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



6189475



9659018



7894080



4685146

Sweetspot

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



6189475



12107988



6202255



5922667



15461355



7039851

Same Dimension

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



6189475



6850004



7167651



4803666



10385



1298

Inverse Universe

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



10706545



13920389



9741150



5392716



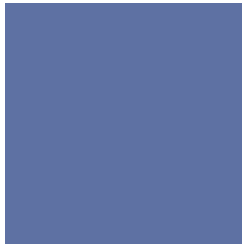
9502760



1179653

Previews

White Background



This preview shows how the Decimal color 6189475 looks on a white background.

Color Contrast Check

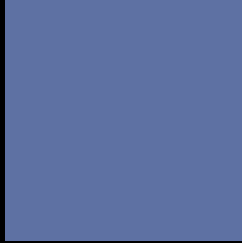
Large Text (above 18pt) WCAG AA ✓ Pass

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 6189475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

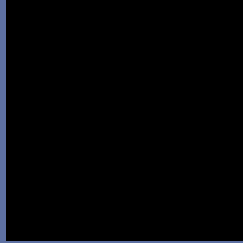
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

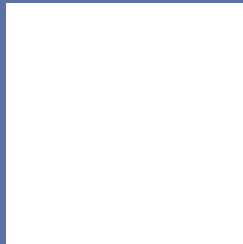
Any Text WCAG AAA × Fail

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

Decimal 6189475 Background



This preview shows how black text looks on a background with the Decimal color 6189475.

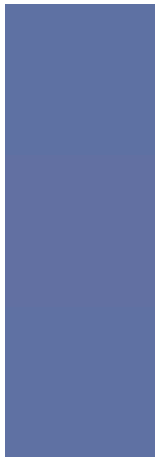


This preview shows how white text looks on a background with the Decimal color 6189475.

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
6189475

Protanopia
6451362

Deuteranopia
6255011



Tritanopia
5601409

Trichromacy



Original Color
6189475

Protanomaly
6385826

Deuteranomaly
6255011

Tritanomaly
5797261

Monochromacy



Original Color
6189475

Achromatopsia
7434609

Achromatomaly
6975875

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6189475 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 #5E71A3 looks like.

```
.text, #text, p{  
    color:#5E71A3  
}
```

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 #5E71A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E71A3
}
```

Border

The CSS property to change the border of an element to Decimal 6189475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

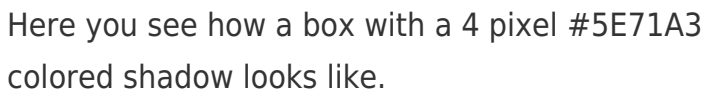
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E71A3 }
```

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

```
.border{ border-color:#5E71A3 }
```

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



Here you see how a box with a 4 pixel #5E71A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E71A3; -webkit-box-shadow:4px 4px  
4px 4px #5E71A3; box-shadow:4px 4px 4px  
4px #5E71A3 }
```

Background

The CSS property to change the background color of an element to Decimal 6189475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E71A3 }
```

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

```
.background{ background-color:#5E71A3 }
```

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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