

Converting Colors

Decimal(6127804)

Have a look what the booklet for
Decimal(6127804) contains.

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Color

Decimal(6127804)

Conversions

Conversions Part 1

Format	Color
Hex	5D80BC
RGB	93, 128, 188
RGB Percent	36%, 50%, 74%
CMY	0.6353, 0.4980, 0.2627
CMYK	0.51, 0.32, 0.00, 0.26
HSL	218°, 41%, 55%
HSV	218°, 51%, 74%
XYZ	21.3105, 21.3963, 50.5837
YIQ	124.3750, -40.1200, 11.2400

Conversions

Conversions Part 2

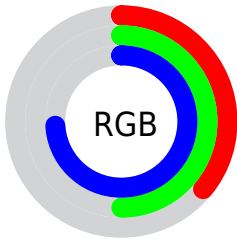
Format	Color
R _Y B	93, 119, 188
Decimal	6127804
CIE _{Lab}	53.38, 4.70, -35.28
CIE _{LCh}	53, 35.588, 277.588
Y _{xy}	21.3963, 0.2284, 0.2294
Android (android.graphics.Color)	4284317884 (0xFF5D80BC)
YUV	124.3750, 31.3671, -27.5159
Hunter-Lab	46.2562, 1.2876, -32.4576

Details

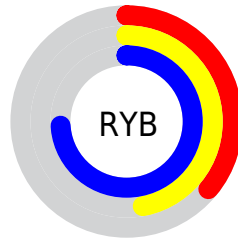
The Decimal color **6127804** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12360029**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **9745909**, and **2314118** is the 20% darker color. If you saturate the color by 10%, you get **4879548**, and if you desaturate by 10%, it is **7376060**.

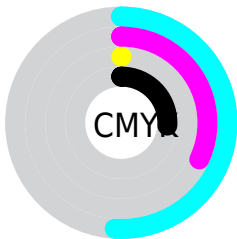
Distribution



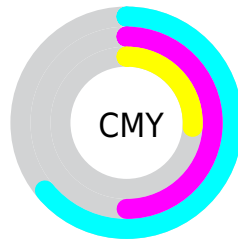
- Red (36%)
- Green (50%)
- Blue (74%)



- Red (36%)
- Yellow (47%)
- Blue (74%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6127804 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 6127804 by changing the saturation by 10% instead.



6127804



6127804

16777215



4286369



9745909



2314118



11587839



14701



13495551



9300



15400959



3645



806



271



0



6127804



6127804

■ 4879548

■ 7376060

■ 3631292

■ 8624316

■ 2448572

■ 9807036

■ 1200572

■ 11055036

■ 17852

■ 12303292

■ 13551548

■ 14799804

■ 15982524

■ 16772028

Harmonies

Analogous

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



821688



6127804



9270704

Triad

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



6127804



12020572



4361831

Complementary

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



6127804



1236029

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.



6981966



6127804



10909255

Square

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



6127804



12216185



9142337



36999

Rectangle

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



6127804



10710433



9142337



5344350

Sweetspot

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



6127804



13688565



6143128



6581370



16448250



8026746

Same Dimension

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



6127804



6264565



6839740



5593182



15006



2847

Inverse Universe

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



12344704



16080790



11648093



6182232



10354746



2031627

Previews

White Background



This preview shows how the Decimal color 6127804 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 6127804 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 6127804 Background



This preview shows how black text looks on a background with the Decimal color 6127804.



This preview shows how white text looks on a background with the Decimal color 6127804.

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

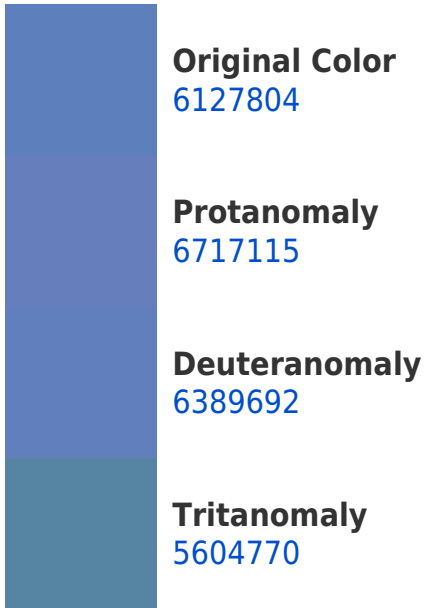


Original Color
6127804

Protanopia
7044538

Deuteranopia
6586044

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6127804 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 #5D80BC looks like.

```
.text, #text, p{  
  color:#5D80BC  
}
```

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 #5D80BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D80BC
}
```

Border

The CSS property to change the border of an element to Decimal 6127804 is called "border". The border property can be set on classes, ids or directly on the HTML element.

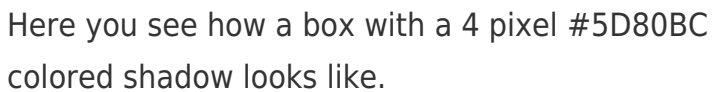
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D80BC }
```

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

```
.border{ border-color:#5D80BC }
```

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



Here you see how a box with a 4 pixel #5D80BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D80BC; -webkit-box-shadow:4px 4px  
4px 4px #5D80BC; box-shadow:4px 4px 4px  
4px #5D80BC }
```

Background

The CSS property to change the background color of an element to Decimal 6127804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D80BC }
```

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

```
.background{ background-color:#5D80BC }
```

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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