

Converting Colors

Decimal(6123960)

Have a look what the booklet for
Decimal(6123960) contains.

Decimal(6123960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6123960)

Conversions

Conversions Part 1

Format	Color
Hex	5D71B8
RGB	93, 113, 184
RGB Percent	36%, 44%, 72%
CMY	0.6353, 0.5569, 0.2784
CMYK	0.49, 0.39, 0.00, 0.28
HSL	227°, 39%, 54%
HSV	227°, 49%, 72%
XYZ	19.0711, 17.5981, 47.7390
YIQ	115.1140, -34.7110, 17.8410

Conversions

Conversions Part 2

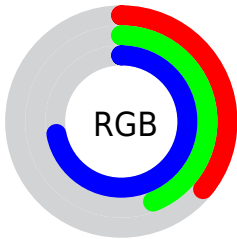
Format	Color
R_{YB}	93, 109, 184
Decimal	6123960
CIE _{Lab}	49.00, 12.52, -39.86
CIE _{LCh}	49, 41.782, 287.442
Yxy	17.5981, 0.2259, 0.2085
Android (android.graphics.Color)	4284314040 (0xFF5D71B8)
YUV	115.1140, 33.9608, -19.3940
Hunter-Lab	41.9501, 7.7358, -38.1067

Details

The Decimal color **6123960** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12100701**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9741808**, and **2376322** is the 20% darker color. If you saturate the color by 10%, you get **4940728**, and if you desaturate by 10%, it is **7307192**.

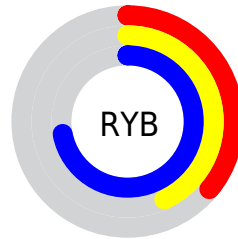
Distribution



Red (36%)

Green (44%)

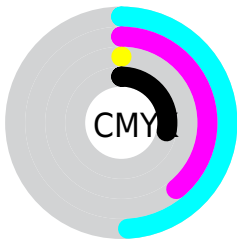
Blue (72%)



Red (36%)

Yellow (43%)

Blue (72%)

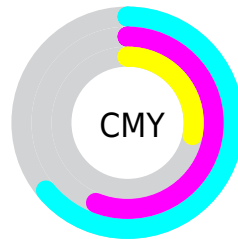


Cyan (49%)

Magenta (39%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6123960 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 6123960 by changing the saturation by 10% instead.

■ 6123960

■ 6123960

16777215

■ 4282781

■ 9741808

■ 2376322

■ 11583743

■ 11369

■ 13491199

■ 6224

■ 15399167

■ 57

■ 547

■ 9

■ 0

■ 6123960

■ 6123960

■ 4940728

■ 7307192

■ 3691704

■ 8556216

■ 2508472

■ 9739448

■ 1259704

■ 10988216

■ 76216

■ 12171704

■ 10424

■ 13354936

■ 14603704

■ 15787192

■ 16773816

Harmonies

Analogous

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



32185



6123960



9528229

Triad

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



6123960



11362370



34148

Complementary

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



6123960



12100701

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.



5013827



6123960



9792813

Square

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



6123960



11949665



7698733



34441

Rectangle

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



6123960



10967696



7698733



2327640

Sweetspot

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



6123960



13423856



6142115



6449016



16250871



7895160

Same Dimension

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



6123960



6455792



7691704



5461340



8860



1564

Inverse Universe

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



12082545



15753857



10532957



6050645



10223650



1835014

Previews

White Background



This preview shows how the Decimal color 6123960 looks on a white background.

Color Contrast Check

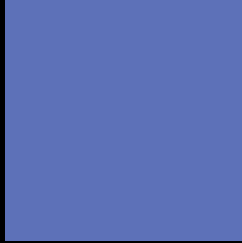
Large Text (above 18pt) WCAG AA ✓ Pass

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 6123960 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 6123960 Background



This preview shows how black text looks on a background with the Decimal color 6123960.

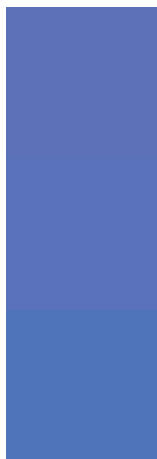


This preview shows how white text looks on a background with the Decimal color 6123960.

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
6123960

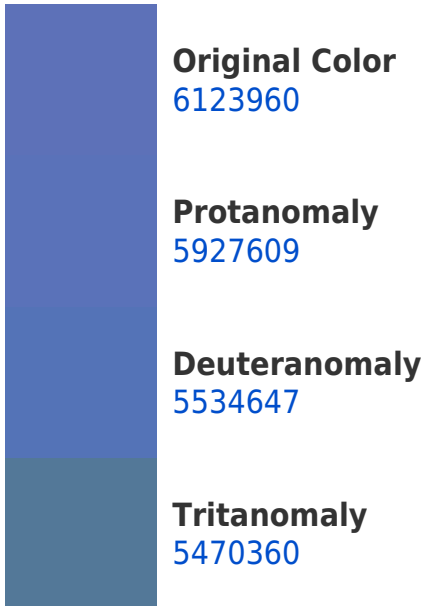
Protanopia
5862073

Deuteranopia
5207223



Tritanopia
5078150

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6123960 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 #5D71B8 looks like.

```
.text, #text, p{  
    color:#5D71B8  
}
```

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 #5D71B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D71B8
}
```

Border

The CSS property to change the border of an element to Decimal 6123960 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
#5D71B8 }
```

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

```
.border{ border-color:#5D71B8 }
```

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

Here you see how a box with a 4 pixel #5D71B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D71B8; -webkit-box-shadow:4px 4px  
4px 4px #5D71B8; box-shadow:4px 4px 4px  
4px #5D71B8 }
```

Background

The CSS property to change the background color of an element to Decimal 6123960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D71B8 }
```

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

```
.background{ background-color:#5D71B8 }
```

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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