

Converting Colors

Decimal(5993916)

Have a look what the booklet for
Decimal(5993916) contains.

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Color

Decimal(5993916)

Conversions

Conversions Part 1

Format	Color
Hex	5B75BC
RGB	91, 117, 188
RGB Percent	36%, 46%, 74%
CMY	0.6431, 0.5412, 0.2627
CMYK	0.52, 0.38, 0.00, 0.26
HSL	224°, 42%, 55%
HSV	224°, 52%, 74%
XYZ	19.7528, 18.5776, 50.1217
YIQ	117.3200, -38.2870, 16.5690

Conversions

Conversions Part 2

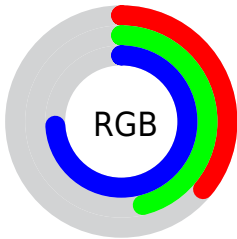
Format	Color
R_{YB}	91, 112, 188
Decimal	5993916
CIE _{Lab}	50.19, 10.87, -40.31
CIE _{LCh}	50, 41.745, 285.088
Yxy	18.5776, 0.2233, 0.2100
Android (android.graphics.Color)	4284183996 (0xFF5B75BC)
YUV	117.3200, 34.8452, -23.0826
Hunter-Lab	43.1017, 6.3755, -38.7754

Details

The Decimal color **5993916** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12362331**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9611765**, and **2049414** is the 20% darker color. If you saturate the color by 10%, you get **4745148**, and if you desaturate by 10%, it is **7242684**.

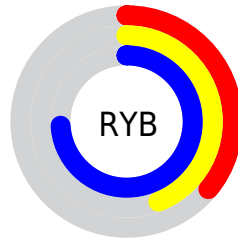
Distribution



Red (36%)

Green (46%)

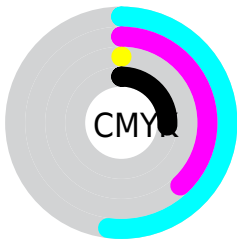
Blue (74%)



Red (36%)

Yellow (44%)

Blue (74%)

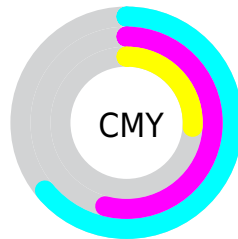


Cyan (52%)

Magenta (38%)

Yellow (0%)

Black (26%)



Cyan (64%)

Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5993916 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 5993916 by changing the saturation by 10% instead.

■ 5993916

■ 5993916

16777215

■ 4152737

■ 9611765

■ 2049414

■ 11519231

■ 12141

■ 13361407

■ 6996

■ 15269119

■ 60

■ 550

■ 270

■ 0

■ 5993916

■ 5993916

■ 4745148

■ 7242684

■ 3496380

■ 8491452

■ 2313404

■ 9674428

■ 1064636

■ 10923196

■ 12988

■ 12171964

■ 13420732

■ 14669244

■ 15852476

■ 16773564

Harmonies

Analogous

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



32956



5993916



9529258

Triad

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



5993916



11625031



362596

Complementary

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



5993916



12362331

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.



5407555



5993916



10186545

Square

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



5993916



12212583



8092463



35209

Rectangle

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



5993916



11034262



8092463



2983768

Sweetspot

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



5993916



13687541



6012065



6580858



16448250



8026746

Same Dimension

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



5993916



6129397



7363516



5592926



10910



2079

Inverse Universe

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



12344181



16080262



10992731



6182231



10354730



2031624

Previews

White Background



This preview shows how the Decimal color 5993916 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 5993916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

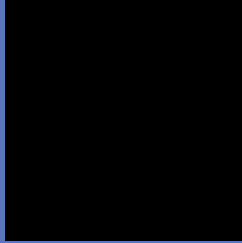
Any Text WCAG AA ✓ Pass

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 5993916 Background



This preview shows how black text looks on a background with the Decimal color 5993916.



This preview shows how white text looks on a background with the Decimal color 5993916.

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
5993916

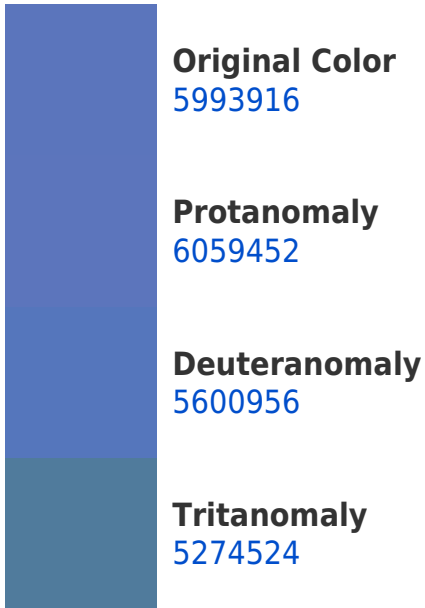
Protanopia
6059452

Deuteranopia
5404604



Tritanopia
4882314

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5993916 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 #5B75BC looks like.

```
.text, #text, p{  
    color:#5B75BC  
}
```

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 #5B75BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B75BC
}
```

Border

The CSS property to change the border of an element to Decimal 5993916 is called "border". The border property can be set on classes, ids or directly on the HTML element.

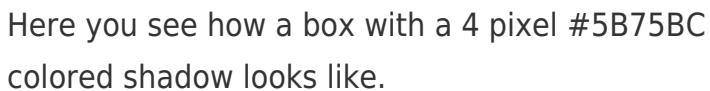
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B75BC }
```

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

```
.border{ border-color:#5B75BC }
```

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



Here you see how a box with a 4 pixel #5B75BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B75BC; -webkit-box-shadow:4px 4px  
4px 4px #5B75BC; box-shadow:4px 4px 4px  
4px #5B75BC }
```

Background

The CSS property to change the background color of an element to Decimal 5993916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B75BC }
```

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

```
.background{ background-color:#5B75BC }
```

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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