

Converting Colors

Decimal(5993662)

Have a look what the booklet for
Decimal(5993662) contains.

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Color

Decimal(5993662)

Conversions

Conversions Part 1

Format	Color
Hex	5B74BE
RGB	91, 116, 190
RGB Percent	36%, 45%, 75%
CMY	0.6431, 0.5451, 0.2549
CMYK	0.52, 0.39, 0.00, 0.25
HSL	225°, 43%, 55%
HSV	225°, 52%, 75%
XYZ	19.8540, 18.4326, 51.2266
YIQ	116.9610, -38.6540, 17.7140

Conversions

Conversions Part 2

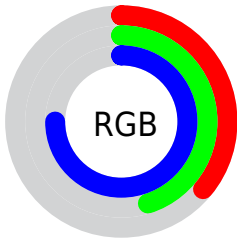
Format	Color
R_{YB}	91, 111, 190
Decimal	5993662
CIE _{Lab}	50.02, 12.12, -41.73
CIE _{LCh}	50, 43.453, 286.189
Yxy	18.4326, 0.2218, 0.2059
Android (android.graphics.Color)	4284183742 (0xFF5B74BE)
YUV	116.9610, 36.0082, -22.7678
Hunter-Lab	42.9332, 7.4123, -40.6897

Details

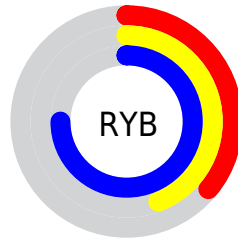
The Decimal color **5993662** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12494171**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9677047**, and **1983624** is the 20% darker color. If you saturate the color by 10%, you get **4744894**, and if you desaturate by 10%, it is **7242430**.

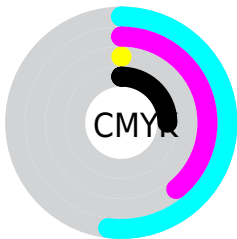
Distribution



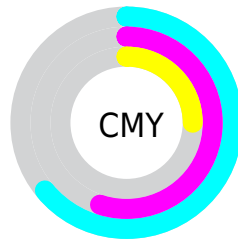
- Red (36%)
- Green (45%)
- Blue (75%)



- Red (36%)
- Yellow (44%)
- Blue (75%)



- Cyan (52%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5993662 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 5993662 by changing the saturation by 10% instead.

■ 5993662

■ 5993662

16777215

■ 4152483

■ 9677047

■ 1983624

■ 11518975

■ 12142

■ 13426687

■ 6997

■ 15334399

■ 62

■ 807

■ 272

■ 0

■ 5993662

■ 5993662

■ 4744894

■ 7242430

■ 3496126

■ 8491198

■ 2247102

■ 9740222

■ 998334

■ 10988990

■ 12478

■ 12237758

■ 13486526

■ 14735294

■ 15984318

■ 16774334

Harmonies

Analogous

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



32958



5993662



9659818

Triad

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



5993662



11690307



34916

Complementary

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



5993662



12494171

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.



5145666



5993662



10121005

Square

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



5993662



12343140



7895852



35210

Rectangle

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



5993662



11164822



7895852



2393944

Sweetspot

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



5993662



13687543



6012580



6646653



16579836



8224125

Same Dimension

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



5993662



6063095



7494590



5592926



10398



2079

Inverse Universe

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



12475252



16211075



10993243



6182231



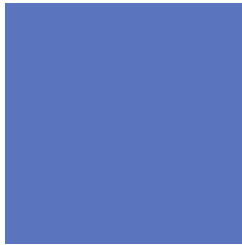
10354728



2031624

Previews

White Background



This preview shows how the Decimal color 5993662 looks on a white background.

Color Contrast Check

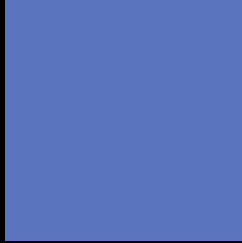
Large Text (above 18pt) WCAG AA ✓ Pass

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 5993662 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 5993662 Background



This preview shows how black text looks on a background with the Decimal color 5993662.



This preview shows how white text looks on a background with the Decimal color 5993662.

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

5993662

Protanopia

5928126

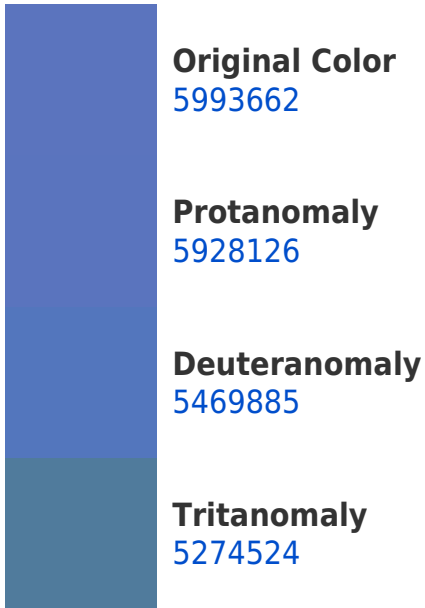
Deuteranopia

5142461



Tritanopia
4816777

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5993662 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 #5B74BE looks like.

```
.text, #text, p{  
    color:#5B74BE  
}
```

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 #5B74BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B74BE
}
```

Border

The CSS property to change the border of an element to Decimal 5993662 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
#5B74BE }
```

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

```
.border{ border-color:#5B74BE }
```

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

Here you see how a box with a 4 pixel #5B74BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B74BE; -webkit-box-shadow:4px 4px  
4px 4px #5B74BE; box-shadow:4px 4px 4px  
4px #5B74BE }
```

Background

The CSS property to change the background color of an element to Decimal 5993662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B74BE }
```

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

```
.background{ background-color:#5B74BE }
```

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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