

Converting Colors

Decimal(5994170)

Have a look what the booklet for
Decimal(5994170) contains.

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Color

Decimal(5994170)

Conversions

Conversions Part 1

Format	Color
Hex	5B76BA
RGB	91, 118, 186
RGB Percent	36%, 46%, 73%
CMY	0.6431, 0.5373, 0.2706
CMYK	0.51, 0.37, 0.00, 0.27
HSL	223°, 41%, 54%
HSV	223°, 51%, 73%
XYZ	19.6557, 18.7262, 49.0329
YIQ	117.6790, -37.9200, 15.4240

Conversions

Conversions Part 2

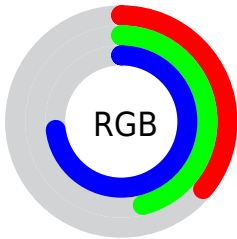
Format	Color
R_{YB}	91, 112, 186
Decimal	5994170
CIE _{Lab}	50.37, 9.62, -38.88
CIE _{LCh}	50, 40.049, 283.901
Yxy	18.7262, 0.2249, 0.2142
Android (android.graphics.Color)	4284184250 (0xFF5B76BA)
YUV	117.6790, 33.6823, -23.3975
Hunter-Lab	43.2738, 5.3489, -36.8891

Details

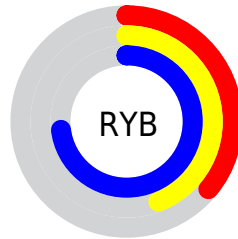
The Decimal color **5994170** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **12230491**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **9612018**, and **2115204** is the 20% darker color. If you saturate the color by 10%, you get **4745658**, and if you desaturate by 10%, it is **7242682**.

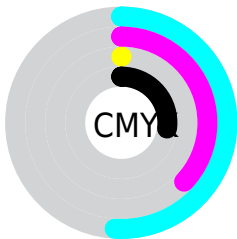
Distribution



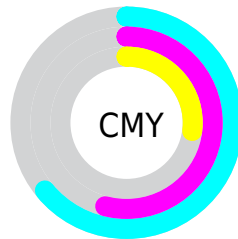
- Red (36%)
- Green (46%)
- Blue (73%)



- Red (36%)
- Yellow (44%)
- Blue (73%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5994170 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 5994170 by changing the saturation by 10% instead.

■ 5994170

■ 5994170

16777215

■ 4152991

■ 9612018

■ 2115204

■ 11453951

■ 12395

■ 13361663

■ 7250

■ 15269631

■ 59

■ 548

■ 12

■ 0

■ 5994170

■ 5994170

■ 4745658

■ 7242682

■ 3562426

■ 8425914

■ 2313914

■ 9674426

■ 1130938

■ 10857402

■ 13754

■ 12106170

■ 13354682

■ 14537658

■ 15786426

■ 16772794

Harmonies

Analogous

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



33209



5994170



9398697

Triad

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



5994170



11625290



1804388

Complementary

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



5994170



12230491

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.



5735237



5994170



10186549

Square

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



5994170



12082025



8223539



35207

Rectangle

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



5994170



10838422



8223539



3508057

Sweetspot

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



5994170



13555954



6011550



6581114



16448250



8026746

Same Dimension

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



5994170



6195442



7232442



5461340



11420



2076

Inverse Universe

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



12213110



15883912



10992219



6050645



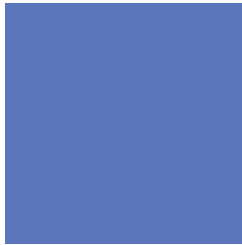
10223660



1835016

Previews

White Background



This preview shows how the Decimal color 5994170 looks on a white background.

Color Contrast Check

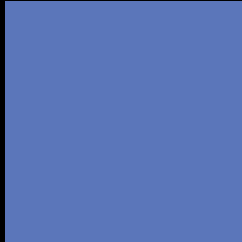
Large Text (above 18pt) WCAG AA ✓ Pass

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 5994170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

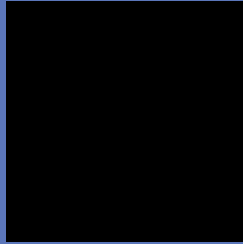
Any Text WCAG AA ✓ Pass

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 5994170 Background



This preview shows how black text looks on a background with the Decimal color 5994170.

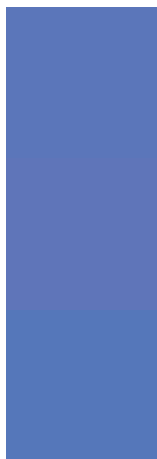


This preview shows how white text looks on a background with the Decimal color 5994170.

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
5994170

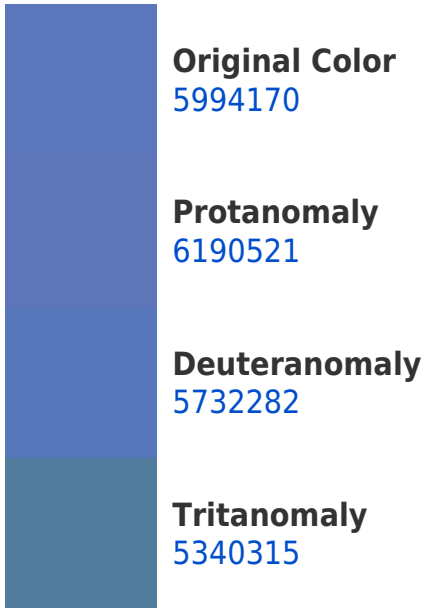
Protanopia
6256057

Deuteranopia
5601210



Tritanopia
4948106

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5994170 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 #5B76BA looks like.

```
.text, #text, p{  
    color:#5B76BA  
}
```

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 #5B76BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B76BA
}
```

Border

The CSS property to change the border of an element to Decimal 5994170 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
#5B76BA }
```

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

```
.border{ border-color:#5B76BA }
```

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

Here you see how a box with a 4 pixel #5B76BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B76BA; -webkit-box-shadow:4px 4px  
4px 4px #5B76BA; box-shadow:4px 4px 4px  
4px #5B76BA }
```

Background

The CSS property to change the background color of an element to Decimal 5994170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B76BA }
```

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

```
.background{ background-color:#5B76BA }
```

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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