

Converting Colors

Decimal(5202594)

Have a look what the booklet for
Decimal(5202594) contains.

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Color

Decimal(5202594)

Conversions

Conversions Part 1

Format	Color
Hex	4F62A2
RGB	79, 98, 162
RGB Percent	31%, 38%, 64%
CMY	0.6902, 0.6157, 0.3647
CMYK	0.51, 0.40, 0.00, 0.36
HSL	226°, 34%, 47%
HSV	226°, 51%, 64%
XYZ	14.1137, 13.0063, 35.9490
YIQ	99.6150, -31.8680, 15.8760

Conversions

Conversions Part 2

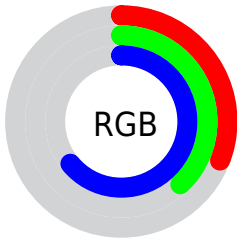
Format	Color
R_YB	79, 94, 162
Decimal	5202594
CIE _{Lab}	42.77, 11.44, -36.90
CIE _{LCh}	43, 38.632, 287.227
Yxy	13.0063, 0.2238, 0.2062
Android (android.graphics.Color)	4283392674 (0xFF4F62A2)
YUV	99.6150, 30.7558, -18.0794
Hunter-Lab	36.0642, 6.7436, -33.8557

Details

The Decimal color **5202594** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10653519**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **8754393**, and **1324142** is the 20% darker color. If you saturate the color by 10%, you get **4150946**, and if you desaturate by 10%, it is **6254242**.

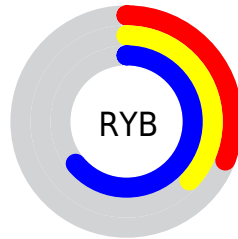
Distribution



Red (31%)

Green (38%)

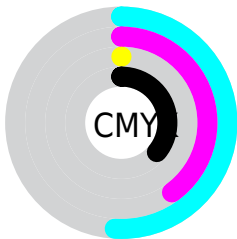
Blue (64%)



Red (31%)

Yellow (37%)

Blue (64%)

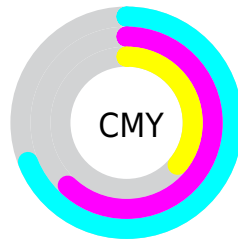


Cyan (51%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (69%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5202594 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 5202594 by changing the saturation by 10% instead.

■ 5202594

■ 5202594

16777215

■ 3426952

■ 8754393

■ 1324142

■ 10530806

■ 8021

■ 12438271

■ 1854

■ 14280447

■ 807

■ 16187391

■ 272

■ 0

■ 5202594

■ 5202594

■ 4150946

■ 6254242

■ 3099042

■ 7306146

■ 1981858

■ 8423330

■ 929954

■ 9475234

■ 9634

■ 10526882

■ 11578786

■ 12630434

■ 13747874

■ 14799522

Harmonies

Analogous

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



27811



5202594



8279441

Triad

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



5202594



9982519



29782

Complementary

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



5202594



10653519

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.



4223032



5202594



8543781

Square

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



5202594



10504788



6646052



30071

Rectangle

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



5202594



9588094



6646052



1733451

Sweetspot

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



5202594



11844564



5218959



5790827



15461355



7039851

Same Dimension

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



5202594



5468372



6639522



4803410



8593



1042

Inverse Universe

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



10637154



13914992



9216591



5392715



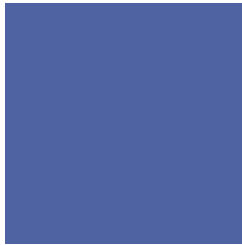
9502753



1179652

Previews

White Background



This preview shows how the Decimal color 5202594 looks on a white background.

Color Contrast Check

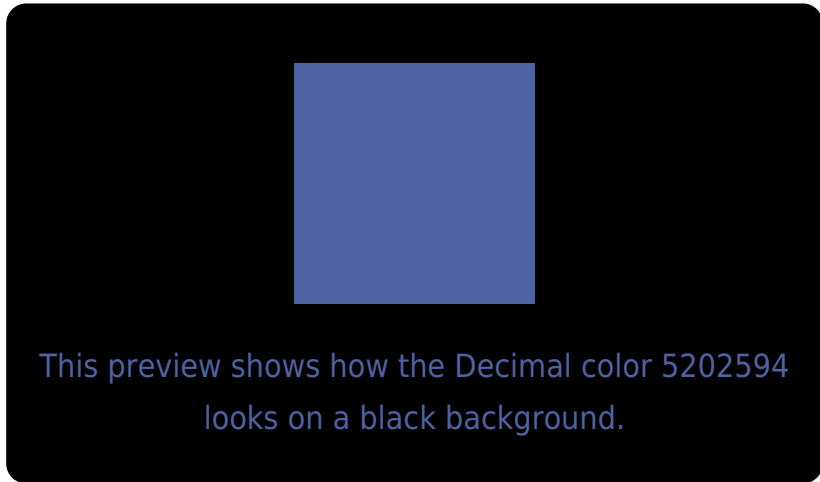
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

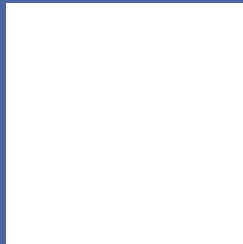
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5202594 Background



This preview shows how black text looks on a background with the Decimal color 5202594.



This preview shows how white text looks on a background with the Decimal color 5202594.

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
5202594

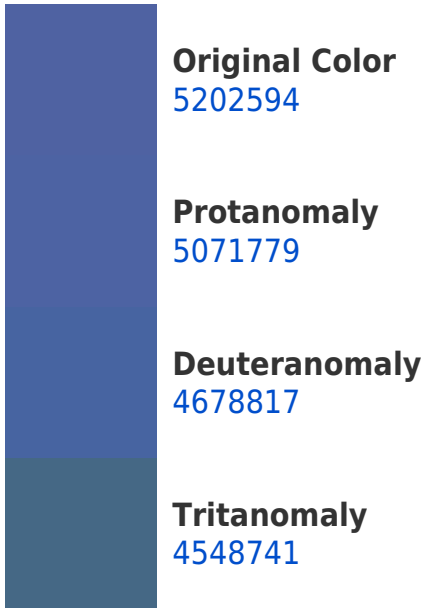
Protanopia
5006243

Deuteranopia
4351393



Tritanopia
4222068

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5202594 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 #4F62A2 looks like.

```
.text, #text, p{  
    color:#4F62A2  
}
```

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 #4F62A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F62A2
}
```

Border

The CSS property to change the border of an element to Decimal 5202594 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
#4F62A2 }
```

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

```
.border{ border-color:#4F62A2 }
```

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

Here you see how a box with a 4 pixel #4F62A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F62A2; -webkit-box-shadow:4px 4px  
4px 4px #4F62A2; box-shadow:4px 4px 4px  
4px #4F62A2 }
```

Background

The CSS property to change the background color of an element to Decimal 5202594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F62A2 }
```

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

```
.background{ background-color:#4F62A2 }
```

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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