

Converting Colors

Decimal(5994403)

Have a look what the booklet for
Decimal(5994403) contains.

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Color

Decimal(5994403)

Conversions

Conversions Part 1

Format	Color
Hex	5B77A3
RGB	91, 119, 163
RGB Percent	36%, 47%, 64%
CMY	0.6431, 0.5333, 0.3608
CMYK	0.44, 0.27, 0.00, 0.36
HSL	217°, 28%, 50%
HSV	217°, 44%, 64%
XYZ	17.5221, 18.0621, 37.2132
YIQ	115.6440, -30.8120, 7.7480

Conversions

Conversions Part 2

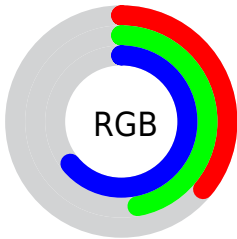
Format	Color
R_{YB}	91, 111, 163
Decimal	5994403
CIE _{Lab}	49.57, 1.93, -26.78
CIE _{LCh}	50, 26.848, 274.127
Yxy	18.0621, 0.2407, 0.2481
Android (android.graphics.Color)	4284184483 (0xFF5B77A3)
YUV	115.6440, 23.3465, -21.6128
Hunter-Lab	42.4996, -0.7808, -22.1654

Details

The Decimal color **5994403** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10717019**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **9481178**, and **2508655** is the 20% darker color. If you saturate the color by 10%, you get **4943267**, and if you desaturate by 10%, it is **7045539**.

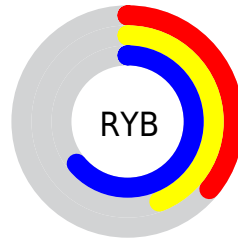
Distribution



Red (36%)

Green (47%)

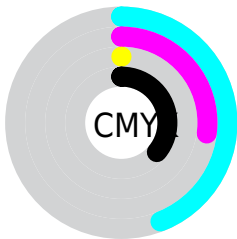
Blue (64%)



Red (36%)

Yellow (44%)

Blue (64%)

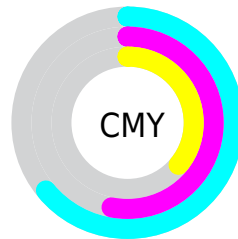


Cyan (44%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5994403 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 5994403 by changing the saturation by 10% instead.

■ 5994403

■ 5994403

16777215

■ 4284041

■ 9481178

■ 2508655

■ 11323127

■ 340310

■ 13165311

■ 7231

■ 15007743

■ 809

■ 275

■ 0

■ 5994403

■ 5994403

■ 4943267

■ 7045539

■ 3826595

■ 8162211

■ 2775459

■ 9213347

■ 1724323

■ 10264483

■ 673187

■ 11381155

■ 16291

■ 12432291

■ 13483427

■ 14534563

■ 15651235

Harmonies

Analogous

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



3571358



5994403



8220572

Triad

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



5994403



10577757



5210209

Complementary

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



5994403



10717019

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.



6978639



5994403



9858637

Square

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



5994403



10642548



8549704



3310200

Rectangle

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



5994403



9333393



8549704



5799770

Sweetspot

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



5994403



12108756



6005638



5923179



15461355



7039851

Same Dimension

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



5994403



6524884



6445987



4803922



14737



1810

Inverse Universe

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



10705783



13919119



10265435



5392717



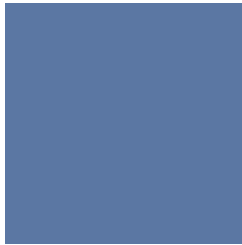
9502777



1179655

Previews

White Background



This preview shows how the Decimal color 5994403 looks on a white background.

Color Contrast Check

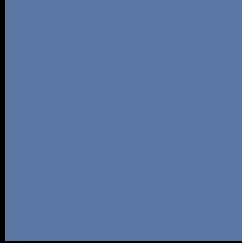
Large Text (above 18pt) WCAG AA ✓ Pass

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 5994403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

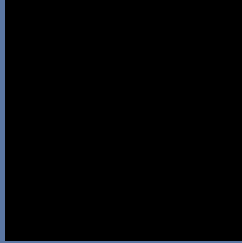
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

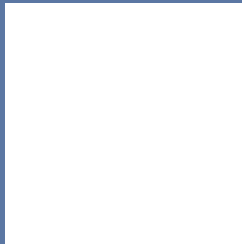
Any Text WCAG AAA × Fail

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

Decimal 5994403 Background



This preview shows how black text looks on a background with the Decimal color 5994403.



This preview shows how white text looks on a background with the Decimal color 5994403.

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
5994403

Protanopia
6845601

Deuteranopia
6714532

Trichromacy



Original Color
5994403

Protanomaly
6518178

Deuteranomaly
6452644

Tritanomaly
5667473

Monochromacy



Original Color
5994403

Achromatopsia
7631988

Achromatomaly
7042437

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5994403 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 #5B77A3 looks like.

```
.text, #text, p{  
    color:#5B77A3  
}
```

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 #5B77A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B77A3
}
```

Border

The CSS property to change the border of an element to Decimal 5994403 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
#5B77A3 }
```

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

```
.border{ border-color:#5B77A3 }
```

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

Here you see how a box with a 4 pixel #5B77A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B77A3; -webkit-box-shadow:4px 4px  
4px 4px #5B77A3; box-shadow:4px 4px 4px  
4px #5B77A3 }
```

Background

The CSS property to change the background color of an element to Decimal 5994403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B77A3 }
```

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

```
.background{ background-color:#5B77A3 }
```

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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