

Converting Colors

Decimal(5989536)

Have a look what the booklet for
Decimal(5989536) contains.

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Color

Decimal(5989536)

Conversions

Conversions Part 1

Format	Color
Hex	5B64A0
RGB	91, 100, 160
RGB Percent	36%, 39%, 63%
CMY	0.6431, 0.6078, 0.3725
CMYK	0.43, 0.38, 0.00, 0.37
HSL	232°, 27%, 49%
HSV	232°, 43%, 63%
XYZ	15.2167, 13.8766, 35.1341
YIQ	104.1490, -24.6240, 16.7520

Conversions

Conversions Part 2

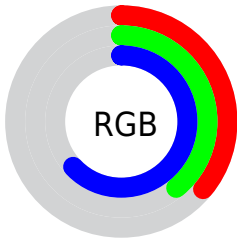
Format	Color
R_{YB}	91, 99, 160
Decimal	5989536
CIE _{Lab}	44.06, 12.64, -33.63
CIE _{LCh}	44, 35.931, 290.592
Yxy	13.8766, 0.2369, 0.2161
Android (android.graphics.Color)	4284179616 (0xFF5B64A0)
YUV	104.1490, 27.5345, -11.5317
Hunter-Lab	37.2512, 7.7256, -29.8445

Details

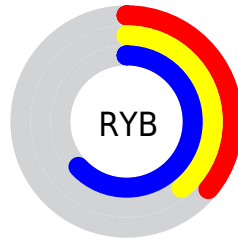
The Decimal color **5989536** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10524507**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **9476055**, and **2569836** is the 20% darker color. If you saturate the color by 10%, you get **4937376**, and if you desaturate by 10%, it is **7041696**.

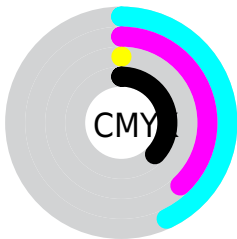
Distribution



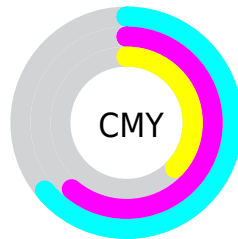
- Red (36%)
- Green (39%)
- Blue (63%)



- Red (36%)
- Yellow (39%)
- Blue (63%)



- Cyan (43%)
- Magenta (38%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (61%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5989536 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 5989536 by changing the saturation by 10% instead.

■ 5989536

■ 5989536

16777215

■ 4279430

■ 9476055

■ 2569836

■ 11252212

■ 401747

■ 13159935

■ 2620

■ 15002111

■ 550

■ 270

■ 0

■ 5989536

■ 5989536

■ 4937376

■ 7041696

■ 3885216

■ 8093856

■ 2833056

■ 9146016

■ 1780896

■ 10198176

■ 728736

■ 11250336

■ 5536

■ 12302240

■ 13354400

■ 14406560

■ 15458720

Harmonies

Analogous

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



749219



5989536



8673422

Triad

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



5989536



9918523



30557

Complementary

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



5989536



10524507

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.



4354881



5989536



8545068

Square

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



5989536



10506325



6647086



30588

Rectangle

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



5989536



9785981



6647086



2192979

Sweetspot

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



5989536



11975121



6004887



5790313



15263976



6908265

Same Dimension

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



5989536



6583249



7625632



4671567



5007



527

Inverse Universe

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



10509156



13722739



8888411



5195592



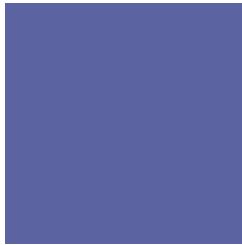
9371667



983042

Previews

White Background



This preview shows how the Decimal color 5989536 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 5989536 looks on a 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 5989536 Background



This preview shows how black text looks on a background with the Decimal color 5989536.



This preview shows how white text looks on a background with the Decimal color 5989536.

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
5989536

Protanopia
5400226

Deuteranopia
5073055



Tritanopia
5270902

Trichromacy



Original Color
5989536

Protanomaly
5596577

Deuteranomaly
5400479

Tritanomaly
5532293

Monochromacy



Original Color
5989536

Achromatopsia
6842472

Achromatomaly
6514556

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5989536 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 #5B64A0 looks like.

```
.text, #text, p{  
    color:#5B64A0  
}
```

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 #5B64A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B64A0
}
```

Border

The CSS property to change the border of an element to Decimal 5989536 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
#5B64A0 }
```

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

```
.border{ border-color:#5B64A0 }
```

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

Here you see how a box with a 4 pixel #5B64A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B64A0; -webkit-box-shadow:4px 4px  
4px 4px #5B64A0; box-shadow:4px 4px 4px  
4px #5B64A0 }
```

Background

The CSS property to change the background color of an element to Decimal 5989536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B64A0 }
```

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

```
.background{ background-color:#5B64A0 }
```

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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