

Converting Colors

Decimal(5991346)

Have a look what the booklet for
Decimal(5991346) contains.

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Color

Decimal(5991346)

Conversions

Conversions Part 1

Format	Color
Hex	5B6BB2
RGB	91, 107, 178
RGB Percent	36%, 42%, 70%
CMY	0.6431, 0.5804, 0.3020
CMYK	0.49, 0.40, 0.00, 0.30
HSL	229°, 36%, 53%
HSV	229°, 49%, 70%
XYZ	17.6080, 15.9539, 44.2708
YIQ	110.3100, -32.3270, 18.6890

Conversions

Conversions Part 2

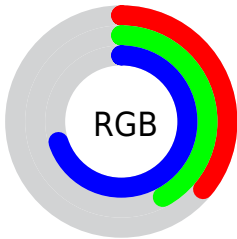
Format	Color
R _Y B	91, 105, 178
Decimal	5991346
CIE Lab	46.91, 13.85, -39.69
CIE LCh	47, 42.041, 289.236
Yxy	15.9539, 0.2262, 0.2050
Android (android.graphics.Color)	4284181426 (0xFF5B6BB2)
YUV	110.3100, 33.3712, -16.9349
Hunter-Lab	39.9423, 8.7899, -37.7556

Details

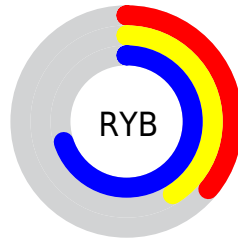
The Decimal color **5991346** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11706971**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **9608938**, and **2243709** is the 20% darker color. If you saturate the color by 10%, you get **4807858**, and if you desaturate by 10%, it is **7174834**.

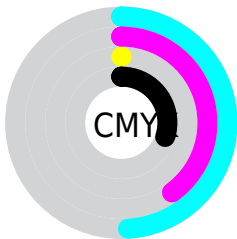
Distribution



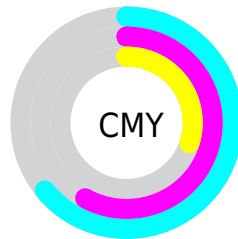
- Red (36%)
- Green (42%)
- Blue (70%)



- Red (36%)
- Yellow (41%)
- Blue (70%)



- Cyan (49%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (64%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5991346 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 5991346 by changing the saturation by 10% instead.

■ 5991346

■ 5991346

16777215

■ 4215703

■ 9608938

■ 2243709

■ 11450879

■ 10083

■ 13293055

■ 4939

■ 15200767

■ 1076

■ 542

■ 0

■ 5991346

■ 5991346

■ 4807858

■ 7174834

■ 3624626

■ 8358066

■ 2506674

■ 9476018

■ 1323442

■ 10659250

■ 139954

■ 11842738

■ 8626

■ 13025970

■ 14209458

■ 15327154

■ 16510642

Harmonies

Analogous

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



30644



5991346



9330078

Triad

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



5991346



10902331



32865

Complementary

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



5991346



11706971

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.



4422719



5991346



9333031

Square

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



5991346



11620698



7173160



33157

Rectangle

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



5991346



10704009



7173160



1277781

Sweetspot

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



5991346



12963048



6009505



6317173



16119285



7697781

Same Dimension

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



5991346



6256872



7691186



5263961



7321



1306

Inverse Universe

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



11688811



15228792



10007131



5853266



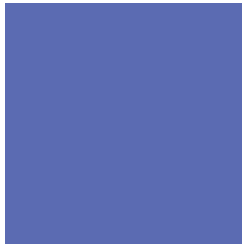
10027036



1703941

Previews

White Background



This preview shows how the Decimal color 5991346 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 5991346 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 5991346 Background



This preview shows how black text looks on a background with the Decimal color 5991346.

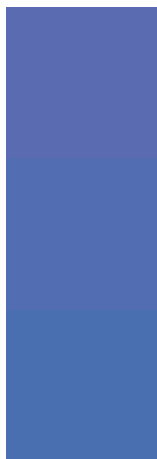


This preview shows how white text looks on a background with the Decimal color 5991346.

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
5991346

Protanopia
5467571

Deuteranopia
4812721



Tritanopia
5011071

Trichromacy



Original Color
5991346

Protanomaly
5663923

Deuteranomaly
5271217

Tritanomaly
5337746

Monochromacy



Original Color
5991346

Achromatopsia
7237230

Achromatomaly
6778247

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5991346 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 #5B6BB2 looks like.

```
.text, #text, p{  
    color:#5B6BB2  
}
```

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 #5B6BB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6BB2
}
```

Border

The CSS property to change the border of an element to Decimal 5991346 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
#5B6BB2 }
```

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

```
.border{ border-color:#5B6BB2 }
```

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

Here you see how a box with a 4 pixel #5B6BB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6BB2; -webkit-box-shadow:4px 4px  
4px 4px #5B6BB2; box-shadow:4px 4px 4px  
4px #5B6BB2 }
```

Background

The CSS property to change the background color of an element to Decimal 5991346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6BB2 }
```

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

```
.background{ background-color:#5B6BB2 }
```

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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