

Converting Colors

Decimal(6255018)

Have a look what the booklet for
Decimal(6255018) contains.

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Color

Decimal(6255018)

Conversions

Conversions Part 1

Format	Color
Hex	5F71AA
RGB	95, 113, 170
RGB Percent	37%, 44%, 67%
CMY	0.6275, 0.5569, 0.3333
CMYK	0.44, 0.34, 0.00, 0.33
HSL	226°, 31%, 52%
HSV	226°, 44%, 67%
XYZ	17.8801, 17.1454, 40.3972
YIQ	114.1160, -29.0250, 13.9110

Conversions

Conversions Part 2

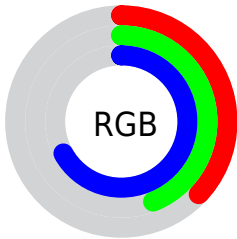
Format	Color
R_{YB}	95, 110, 170
Decimal	6255018
CIE Lab	48.44, 8.72, -32.60
CIE LCh	48, 33.751, 284.978
Yxy	17.1454, 0.2371, 0.2273
Android (android.graphics.Color)	4284445098 (0xFF5F71AA)
YUV	114.1160, 27.5508, -16.7647
Hunter-Lab	41.4070, 4.6165, -28.8591

Details

The Decimal color **6255018** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11180127**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **9807330**, and **2769269** is the 20% darker color. If you saturate the color by 10%, you get **5137578**, and if you desaturate by 10%, it is **7372458**.

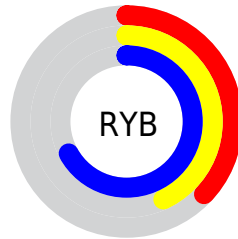
Distribution



Red (37%)

Green (44%)

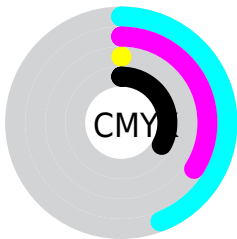
Blue (67%)



Red (37%)

Yellow (43%)

Blue (67%)

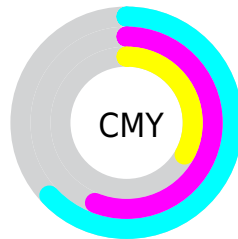


Cyan (44%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (63%)

Magenta (56%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6255018 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 6255018 by changing the saturation by 10% instead.

■ 6255018

■ 6255018

16777215

■ 4544911

■ 9807330

■ 2769269

■ 11583742

■ 601181

■ 13425663

■ 6213

■ 15333631

■ 558

■ 280

■ 0

■ 6255018

■ 6255018

■ 5137578

■ 7372458

■ 4020138

■ 8489898

■ 2902698

■ 9607338

■ 1785258

■ 10724778

■ 667818

■ 11842218

■ 10666

■ 12959658

■ 14076842

■ 15194282

■ 16311722

Harmonies

Analogous

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



2128554



6255018



8939164

Triad

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



6255018



10707532



3047779

Complementary

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



6255018



11180127

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.



5733705



6255018



9530428

Square

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



6255018



11164774



7829050



33409

Rectangle

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



6255018



10117260



7829050



4030554

Sweetspot

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



6255018



12699870



6269591



6185840



15790320



7368816

Same Dimension

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



6255018



6849758



7495594



5000788



9108



1300

Inverse Universe

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



11165553



14575748



9939551



5524558



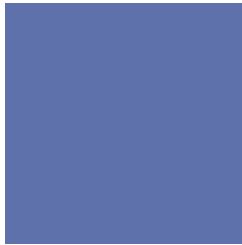
9699363



1310725

Previews

White Background



This preview shows how the Decimal color 6255018 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 6255018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

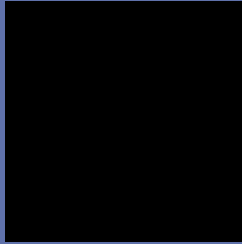
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

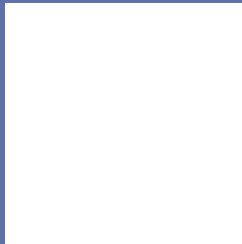
Any Text WCAG AAA × Fail

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

Decimal 6255018 Background



This preview shows how black text looks on a background with the Decimal color 6255018.



This preview shows how white text looks on a background with the Decimal color 6255018.

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
6255018

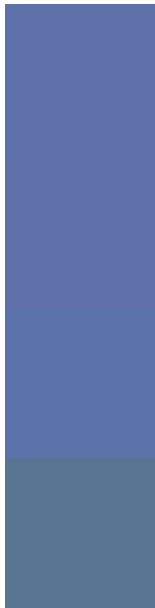
Protanopia
6320554

Deuteranopia
5993130



Tritanopia
5536131

Trichromacy



Original Color
6255018

Protanomaly
6320554

Deuteranomaly
6058666

Tritanomaly
5797521

Monochromacy



Original Color
6255018

Achromatopsia
7500402

Achromatomaly
7041670

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6255018 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 #5F71AA looks like.

```
.text, #text, p{  
  color:#5F71AA  
}
```

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 #5F71AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F71AA
}
```

Border

The CSS property to change the border of an element to Decimal 6255018 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
#5F71AA }
```

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

```
.border{ border-color:#5F71AA }
```

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

Here you see how a box with a 4 pixel #5F71AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F71AA; -webkit-box-shadow:4px 4px  
4px 4px #5F71AA; box-shadow:4px 4px 4px  
4px #5F71AA }
```

Background

The CSS property to change the background color of an element to Decimal 6255018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F71AA }
```

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

```
.background{ background-color:#5F71AA }
```

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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