

Converting Colors

Decimal(6582180)

Have a look what the booklet for
Decimal(6582180) contains.

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Color

Decimal(6582180)

Conversions

Conversions Part 1

Format	Color
Hex	646FA4
RGB	100, 111, 164
RGB Percent	39%, 44%, 64%
CMY	0.6078, 0.5647, 0.3569
CMYK	0.39, 0.32, 0.00, 0.36
HSL	230°, 26%, 52%
HSV	230°, 39%, 64%
XYZ	17.6408, 16.7585, 37.4269
YIQ	113.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

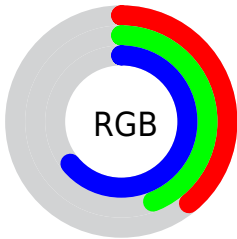
Format	Color
R_{YB}	100, 109, 164
Decimal	6582180
CIE Lab	47.95, 9.54, -29.83
CIE LCh	48, 31.323, 287.739
Yxy	16.7585, 0.2456, 0.2333
Android (android.graphics.Color)	4284772260 (0xFF646FA4)
YUV	113.7530, 24.7718, -12.0614
Hunter-Lab	40.9372, 5.2798, -25.5500

Details

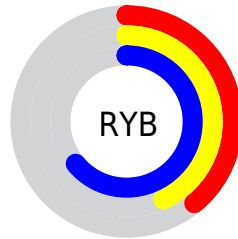
The Decimal color **6582180** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10787172**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10068699**, and **3227760** is the 20% darker color. If you saturate the color by 10%, you get **5530020**, and if you desaturate by 10%, it is **7634340**.

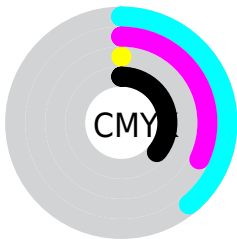
Distribution



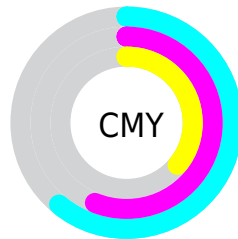
- Red (39%)
- Green (44%)
- Blue (64%)



- Red (39%)
- Yellow (43%)
- Blue (64%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (56%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6582180 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 6582180 by changing the saturation by 10% instead.

■ 6582180

■ 6582180

16777215

■ 4872074

■ 10068699

■ 3227760

■ 11910648

■ 1452631

■ 13752831

■ 5696

■ 15595263

■ 553

■ 275

■ 0

■ 6582180

■ 6582180

■ 5530020

■ 7634340

■ 4412580

■ 8751780

■ 3360420

■ 9803940

■ 2242980

■ 10921380

■ 1190820

■ 11973540

■ 138916

■ 13025444

■ 7332

■ 14143140

■ 15195300

■ 16312740

Harmonies

Analogous

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



3307685



6582180



8938902

Triad

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



6582180



10380108



3178342

Complementary

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



6582180



10787172

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.



5602125



6582180



9202750

Square

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



6582180



10837347



7566654



32897

Rectangle

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



6582180



9986182



7566654



4095581

Sweetspot

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



6582180



12370390



6595736



6053739



15461355



7039851

Same Dimension

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



6582180



7504854



7890084



4803410



6545



786

Inverse Universe

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



10773615



14054019



9479268



5392715



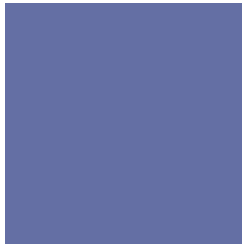
9502745



1179651

Previews

White Background



This preview shows how the Decimal color 6582180 looks on a white background.

Color Contrast Check

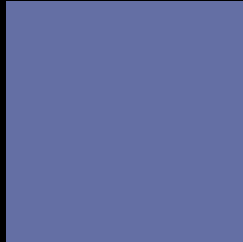
Large Text (above 18pt) WCAG AA ✓ Pass

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 6582180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

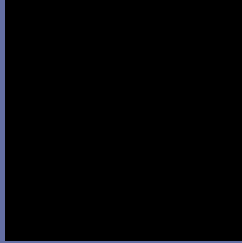
Any Text WCAG AA × Fail

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 6582180 Background



This preview shows how black text looks on a background with the Decimal color 6582180.



This preview shows how white text looks on a background with the Decimal color 6582180.

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
6582180

Protanopia
6320293

Deuteranopia
6189476

Trichromacy



Original Color
6582180

Protanomaly
6385829

Deuteranomaly
6320292

Tritanomaly
6189965

Monochromacy



Original Color
6582180

Achromatopsia
7500402

Achromatomaly
7172484

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6582180 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 #646FA4 looks like.

```
.text, #text, p{  
    color:#646FA4  
}
```

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 #646FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646FA4
}
```

Border

The CSS property to change the border of an element to Decimal 6582180 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
#646FA4 }
```

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

```
.border{ border-color:#646FA4 }
```

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

Here you see how a box with a 4 pixel #646FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646FA4; -webkit-box-shadow:4px 4px  
4px 4px #646FA4; box-shadow:4px 4px 4px  
4px #646FA4 }
```

Background

The CSS property to change the background color of an element to Decimal 6582180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646FA4 }
```

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

```
.background{ background-color:#646FA4 }
```

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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