

Converting Colors

Decimal(5860735)

Have a look what the booklet for
Decimal(5860735) contains.

Decimal(5860735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5860735)

Conversions

Conversions Part 1

Format	Color
Hex	596D7F
RGB	89, 109, 127
RGB Percent	35%, 43%, 50%
CMY	0.6510, 0.5725, 0.5020
CMYK	0.30, 0.14, 0.00, 0.50
HSL	208°, 18%, 42%
HSV	208°, 30%, 50%
XYZ	13.4192, 14.5934, 22.1882
YIQ	105.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

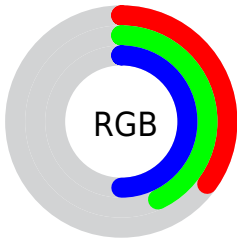
Format	Color
R_{YB}	89, 102, 127
Decimal	5860735
CIE _{Lab}	45.07, -2.89, -12.40
CIE _{LCh}	45, 12.728, 256.889
Yxy	14.5934, 0.2673, 0.2907
Android (android.graphics.Color)	4284050815 (0xFF596D7F)
YUV	105.0720, 10.8105, -14.0951
Hunter-Lab	38.2014, -4.1495, -7.6960




Details

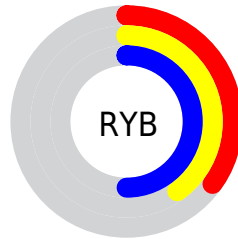
The Decimal color **5860735** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8350553**, and the grayscale version is **6908265**.



A 20% lighter version of the original color is **9216180**, and **2768462** is the 20% darker color. If you saturate the color by 10%, you get **5007231**, and if you desaturate by 10%, it is **6714239**.

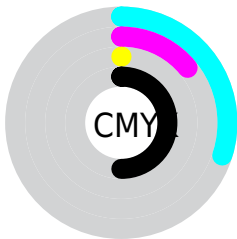
Distribution







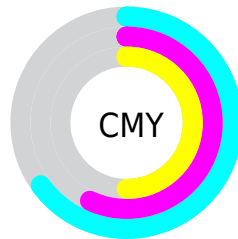
-  Red (35%)
-  Green (43%)
-  Blue (50%)






-  Red (35%)
-  Yellow (40%)
-  Blue (50%)



-  Cyan (30%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (65%)
-  Magenta (57%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5860735 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 5860735 by changing the saturation by 10% instead.

■ 5860735

■ 5860735

16777215

■ 4281702

■ 9216180

■ 2768462

■ 10992591

■ 1255479

■ 12769260

■ 4898

■ 14611711

■ 9

■ 16515071

■ 0

■ 5860735

■ 5860735

■ 5007231

■ 6714239

■ 4219263

■ 7502207

■ 3365759

■ 8355711

■ 2512255

■ 9209215

■ 1658751

■ 10062719

■ 870783

■ 10850687

■ 17279

■ 11704191

■ 12557695

■ 13345663

Harmonies

Analogous

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



5271674



5860735



6777471

Triad

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



5860735



8479589



6319964

Complementary

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



5860735



8350553

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.



7171158



5860735



8349020

Square

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



5860735



8217712



7825494



5599333

Rectangle

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



5860735



7366524



7825494



6581850

Sweetspot

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



5860735



9936806



5865323



4935764



13948116



5526612

Same Dimension

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



5860735



6982054



5855871



3751232



17280



0

Inverse Universe

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



8345965



10906249



8355417



4208957



8388675



0

Previews

White Background



This preview shows how the Decimal color 5860735 looks on a white background.

Color Contrast Check

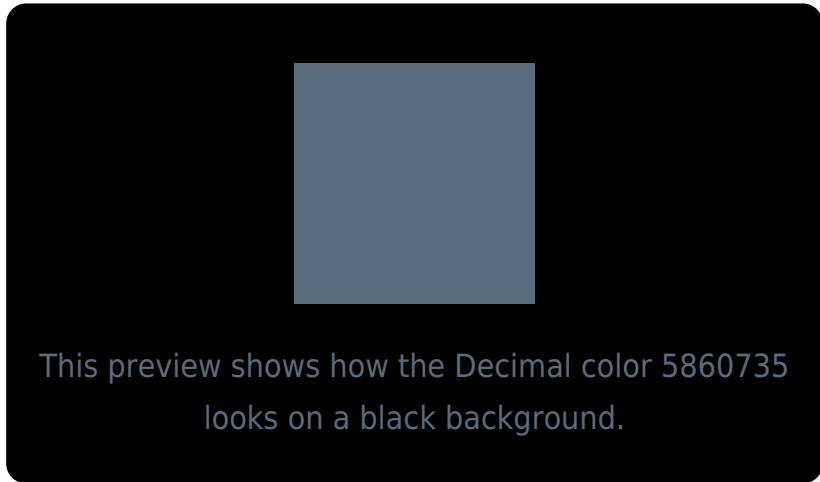
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

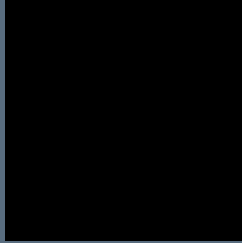
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

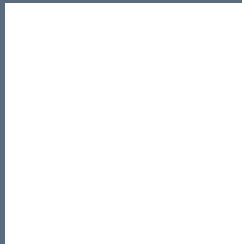
Any Text WCAG AAA × Fail

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

Decimal 5860735 Background



This preview shows how black text looks on a background with the Decimal color 5860735.

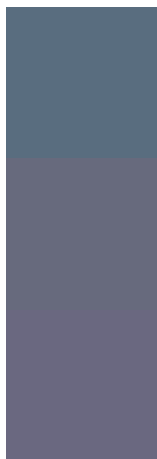


This preview shows how white text looks on a background with the Decimal color 5860735.

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
5860735

Protanopia
6777469

Deuteranopia
6973568



Tritanopia
5729911

Trichromacy



Original Color
5860735

Protanomaly
6450046

Deuteranomaly
6580864

Tritanomaly
5795450

Monochromacy



Original Color
5860735

Achromatopsia
6908265

Achromatomaly
6515313

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5860735 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 #596D7F looks like.

```
.text, #text, p{  
    color:#596D7F  
}
```

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 #596D7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596D7F
}
```

Border

The CSS property to change the border of an element to Decimal 5860735 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
#596D7F }
```

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

```
.border{ border-color:#596D7F }
```

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

Here you see how a box with a 4 pixel #596D7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596D7F; -webkit-box-shadow:4px 4px  
4px 4px #596D7F; box-shadow:4px 4px 4px  
4px #596D7F }
```

Background

The CSS property to change the background color of an element to Decimal 5860735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596D7F }
```

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

```
.background{ background-color:#596D7F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor