

Converting Colors

Decimal(5854062)

Have a look what the booklet for
Decimal(5854062) contains.

Decimal(5854062)	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(5854062)

Conversions

Conversions Part 1

Format	Color
Hex	59536E
RGB	89, 83, 110
RGB Percent	35%, 33%, 43%
CMY	0.6510, 0.6745, 0.5686
CMYK	0.19, 0.25, 0.00, 0.57
HSL	253°, 14%, 38%
HSV	253°, 25%, 43%
XYZ	10.0276, 9.4361, 16.0447
YIQ	87.8720, -5.0910, 9.6690

Conversions

Conversions Part 2

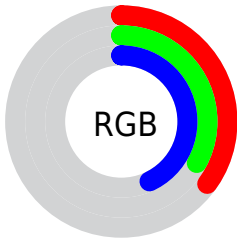
Format	Color
R_{YB}	89, 83, 110
Decimal	5854062
CIE _{Lab}	36.81, 8.63, -14.58
CIE _{LCh}	37, 16.945, 300.603
Yxy	9.4361, 0.2824, 0.2657
Android (android.graphics.Color)	4284044142 (0xFF59536E)
YUV	87.8720, 10.9091, 0.9893
Hunter-Lab	30.7183, 4.5117, -9.4654

Details

The Decimal color **5854062** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6843987**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9143458**, and **2827838** is the 20% darker color. If you saturate the color by 10%, you get **5261422**, and if you desaturate by 10%, it is **6446702**.

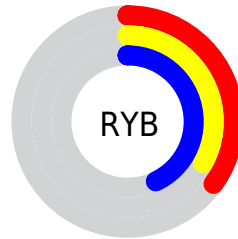
Distribution



Red (35%)

Green (33%)

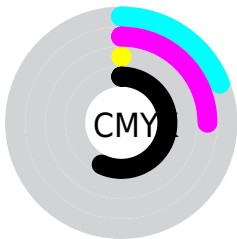
Blue (43%)



Red (35%)

Yellow (33%)

Blue (43%)

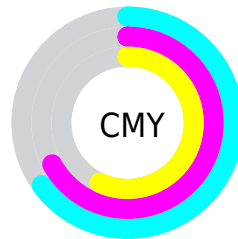


Cyan (19%)

Magenta (25%)

Yellow (0%)

Black (57%)



Cyan (65%)

Magenta (67%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5854062 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 5854062 by changing the saturation by 10% instead.

■ 5854062

■ 5854062

16777215

■ 4275286

■ 9143458

■ 2827838

■ 10919869

■ 1446440

■ 12696024

■ 275

■ 14538229

■ 0

■ 16446207

■ 5854062

■ 5854062

■ 5261422

■ 6446702

■ 4734318

■ 6973806

■ 4141678

■ 7566446

■ 3614574

■ 8093550

■ 3021934

■ 8686190

■ 2494830

■ 9213294

■ 1902190

■ 9805934

■ 1572974

■ 10333038

■ 10925678

Harmonies

Analogous

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



4610162



5854062



6836068

Triad

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



5854062



7098687



3432022

Complementary

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



5854062



6843987

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.



4349257



5854062



6313531

Square

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



5854062



7491145



5397055



2973284

Rectangle

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



5854062



7294299



5397055



3694162

Sweetspot

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



5854062



8881551



5466222



4407879



13092807



4671303

Same Dimension

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



5854062



7300495



6706030



3420728



1769592



3604727

Inverse Universe

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



7230312



9397638



5992019



3682871



7864413



16187584

Previews

White Background



This preview shows how the Decimal color 5854062 looks on a white background.

Color Contrast Check

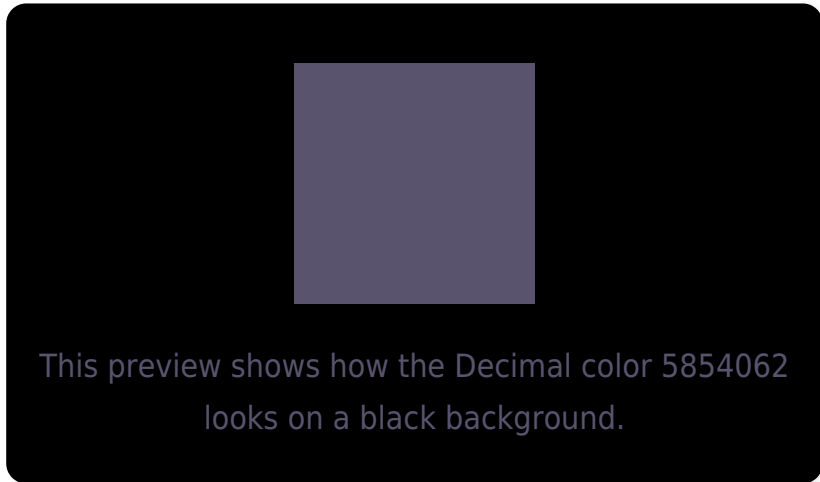
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

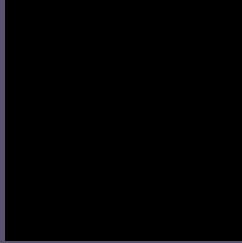
Any Text WCAG AA × Fail

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 5854062 Background



This preview shows how black text looks on a background with the Decimal color 5854062.



This preview shows how white text looks on a background with the Decimal color 5854062.

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
5854062

Protanopia
5265008

Deuteranopia
5461358



Tritanopia
5658205

Trichromacy



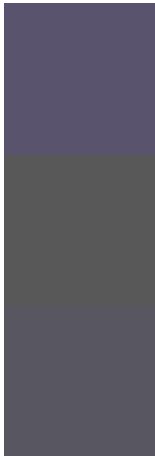
Original Color
5854062

Protanomaly
5461359

Deuteranomaly
5592174

Tritanomaly
5723491

Monochromacy



Original Color
5854062

Achromatopsia
5789784

Achromatomaly
5789280

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5854062 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 #59536E looks like.

```
.text, #text, p{  
    color:#59536E  
}
```

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 #59536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59536E
}
```

Border

The CSS property to change the border of an element to Decimal 5854062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

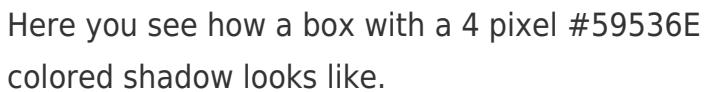
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59536E }
```

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

```
.border{ border-color:#59536E }
```

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



Here you see how a box with a 4 pixel #59536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59536E; -webkit-box-shadow:4px 4px  
4px 4px #59536E; box-shadow:4px 4px 4px  
4px #59536E }
```

Background

The CSS property to change the background color of an element to Decimal 5854062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59536E }
```

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

```
.background{ background-color:#59536E }
```

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