

Converting Colors

Decimal(5986177)

Have a look what the booklet for
Decimal(5986177) contains.

Decimal(5986177)	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(5986177)

Conversions

Conversions Part 1

Format	Color
Hex	5B5781
RGB	91, 87, 129
RGB Percent	36%, 34%, 51%
CMY	0.6431, 0.6588, 0.4941
CMYK	0.29, 0.33, 0.00, 0.49
HSL	246°, 19%, 42%
HSV	246°, 33%, 51%
XYZ	11.6850, 10.6255, 22.2039
YIQ	92.9840, -11.0980, 13.9100

Conversions

Conversions Part 2

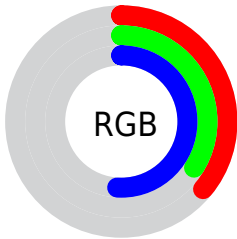
Format	Color
R_{YB}	91, 87, 129
Decimal	5986177
CIE _{Lab}	38.94, 11.80, -22.99
CIE _{LCh}	39, 25.843, 297.163
Yxy	10.6255, 0.2625, 0.2387
Android (android.graphics.Color)	4284176257 (0xFF5B5781)
YUV	92.9840, 17.7559, -1.7400
Hunter-Lab	32.5968, 6.9428, -17.5688

Details

The Decimal color **5986177** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8225111**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9341366**, and **2828880** is the 20% darker color. If you saturate the color by 10%, you get **5196417**, and if you desaturate by 10%, it is **6775937**.

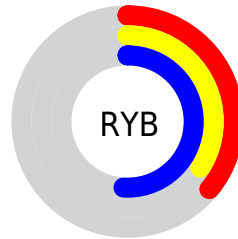
Distribution



Red (36%)

Green (34%)

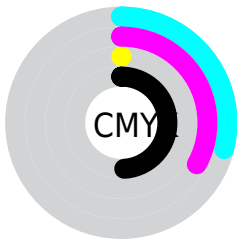
Blue (51%)



Red (36%)

Yellow (34%)

Blue (51%)

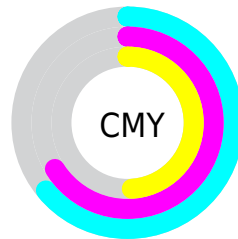


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (49%)



Cyan (64%)

Magenta (66%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5986177 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 5986177 by changing the saturation by 10% instead.

■ 5986177

■ 5986177

16777215

■ 4407400

■ 9341366

■ 2828880

■ 11117522

■ 1316408

■ 12893934

■ 35

■ 14801663

■ 10

■ 16643839

■ 0

■ 5986177

■ 5986177

■ 5196417

■ 6775937

■ 4472193

■ 7500161

■ 3682433

■ 8289921

■ 2892673

■ 9079681

■ 2168705

■ 9803905

■ 1378945

■ 10593409

■ 786561

■ 11383169

■ 12107393

■ 12897153

Harmonies

Analogous

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



3694213



5986177



7622771

Triad

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



5986177



8081977



1992537

Complementary

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



5986177



8225111

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.



4023620



5986177



7035441

Square

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



5986177



8670538



5660726



26222

Rectangle

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



5986177



8342630



5660726



2713170

Sweetspot

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



5986177



10065832



5734017



4934228



13948116



5526612

Same Dimension

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



5986177



7169960



7296897



3815744



786560



0

Inverse Universe

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



8476541



11036578



6914391



4208959



8388723



0

Previews

White Background



This preview shows how the Decimal color 5986177 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 5986177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

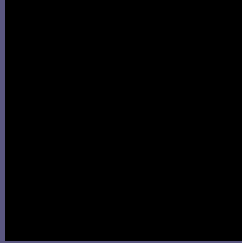
Any Text WCAG AA × Fail

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 5986177 Background



This preview shows how black text looks on a background with the Decimal color 5986177.

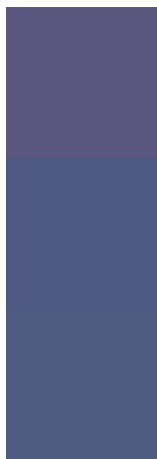


This preview shows how white text looks on a background with the Decimal color 5986177.

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
5986177

Protanopia
5134980

Deuteranopia
5200768



Tritanopia
5594468

Trichromacy



Original Color
5986177

Protanomaly
5462403

Deuteranomaly
5462656

Tritanomaly
5725039

Monochromacy



Original Color
5986177

Achromatopsia
6118749

Achromatomaly
6052714

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5986177 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 #5B5781 looks like.

```
.text, #text, p{  
    color:#5B5781  
}
```

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 #5B5781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5781
}
```

Border

The CSS property to change the border of an element to Decimal 5986177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

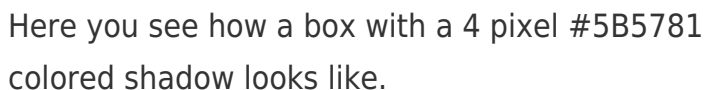
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5781 }
```

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

```
.border{ border-color:#5B5781 }
```

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



Here you see how a box with a 4 pixel #5B5781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5781; -webkit-box-shadow:4px 4px  
4px 4px #5B5781; box-shadow:4px 4px 4px  
4px #5B5781 }
```

Background

The CSS property to change the background color of an element to Decimal 5986177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5781 }
```

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

```
.background{ background-color:#5B5781 }
```

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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