

Converting Colors

Decimal(5868956)

Have a look what the booklet for
Decimal(5868956) contains.

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Color

Decimal(5868956)

Conversions

Conversions Part 1

Format	Color
Hex	598D9C
RGB	89, 141, 156
RGB Percent	35%, 55%, 61%
CMY	0.6510, 0.4471, 0.3882
CMYK	0.43, 0.10, 0.00, 0.39
HSL	193°, 27%, 48%
HSV	193°, 43%, 61%
XYZ	19.6455, 23.5739, 34.9673
YIQ	127.1620, -35.8070, -6.3590

Conversions

Conversions Part 2

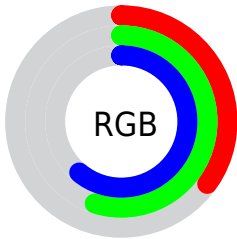
Format	Color
R _Y B	89, 118, 156
Decimal	5868956
CIE Lab	55.66, -13.25, -13.41
CIE LCh	56, 18.850, 225.356
Yxy	23.5739, 0.2513, 0.3015
Android (android.graphics.Color)	4284059036 (0xFF598D9C)
YUV	127.1620, 14.2171, -33.4681
Hunter-Lab	48.5530, -12.7432, -8.7129

Details

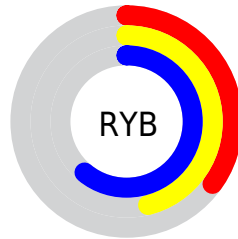
The Decimal color **5868956** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10250329**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9356242**, and **2382697** is the 20% darker color. If you saturate the color by 10%, you get **4819612**, and if you desaturate by 10%, it is **6918300**.

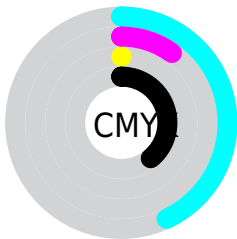
Distribution



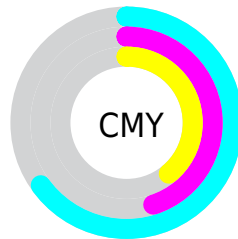
- Red (35%)
- Green (55%)
- Blue (61%)



- Red (35%)
- Yellow (46%)
- Blue (61%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5868956 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 5868956 by changing the saturation by 10% instead.

■ 5868956

■ 5868956

16777215

■ 4158338

■ 9356242

■ 2382697

■ 11198447

■ 17233

■ 13040639

■ 11578

■ 14876671

■ 6436

■ 270

■ 0

■ 5868956

■ 5868956

■ 4819612

■ 6918300

■ 3835548

■ 7902364

■ 2786204

■ 8951708

■ 1802140

■ 9935772

■ 752796

■ 10985116

■ 31132

■ 12034716

■ 13018524

■ 14068124

■ 15051932

Harmonies

Analogous

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



5869453



5868956



6850981

Triad

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



5868956



10582670



9013094

Complementary

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



5868956



10250329

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.



10060390



5868956



10975869

Square

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



5868956



9600668



10780015



7768942

Rectangle

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



5868956



7767718



10780015



9405797

Sweetspot

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



5868956



11650764



5872744



5661286



15132390



6710886

Same Dimension

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



5868956



6468812



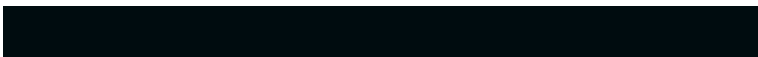
5860508



4672847



28559



3087

Inverse Universe

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



10246541



13394612



10258777



5195597



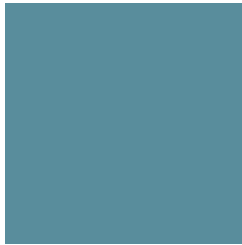
9371759



983052

Previews

White Background



This preview shows how the Decimal color 5868956 looks on a white 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

Black Background



This preview shows how the Decimal color 5868956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

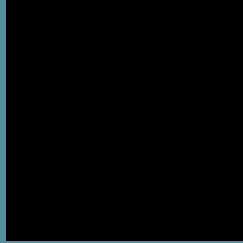
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5868956 Background



This preview shows how black text looks on a background with the Decimal color 5868956.

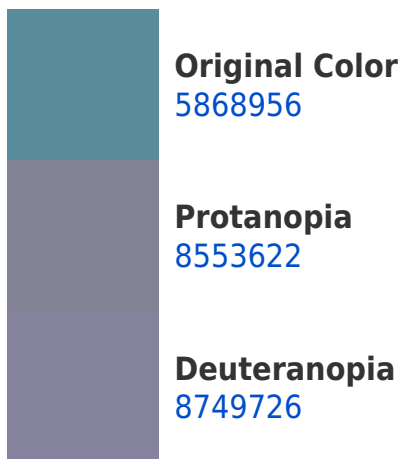


This preview shows how white text looks on a background with the Decimal color 5868956.

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



Trichromacy



Original Color
5868956

Protanomaly
7571352

Deuteranomaly
7702173

Tritanomaly
5803674

Monochromacy



Original Color
5868956

Achromatopsia
8355711

Achromatomaly
7439498

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5868956 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 #598D9C looks like.

```
.text, #text, p{  
    color:#598D9C  
}
```

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 #598D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #598D9C
}
```

Border

The CSS property to change the border of an element to Decimal 5868956 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
#598D9C }
```

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

```
.border{ border-color:#598D9C }
```

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

Here you see how a box with a 4 pixel #598D9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #598D9C; -webkit-box-shadow:4px 4px  
4px 4px #598D9C; box-shadow:4px 4px 4px  
4px #598D9C }
```

Background

The CSS property to change the background color of an element to Decimal 5868956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#598D9C }
```

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

```
.background{ background-color:#598D9C }
```

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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