

Converting Colors

Decimal(8623018)

Have a look what the booklet for
Decimal(8623018) contains.

Decimal(8623018)	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(8623018)

Conversions

Conversions Part 1

Format	Color
Hex	8393AA
RGB	131, 147, 170
RGB Percent	51%, 58%, 67%
CMY	0.4863, 0.4235, 0.3333
CMYK	0.23, 0.14, 0.00, 0.33
HSL	215°, 19%, 59%
HSV	215°, 23%, 67%
XYZ	27.0495, 28.5950, 42.1239
YIQ	144.8380, -16.9190, 3.7610

Conversions

Conversions Part 2

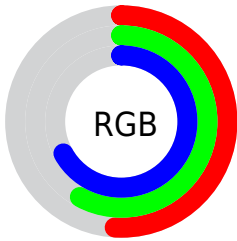
Format	Color
RYB	131, 142, 170
Decimal	8623018
CIELab	60.42, -0.52, -13.97
CIElCh	60, 13.978, 267.856
Yxy	28.5950, 0.2767, 0.2925
Android (android.graphics.Color)	4286813098 (0xFF8393AA)
YUV	144.8380, 12.4049, -12.1359
Hunter-Lab	53.4743, -3.2874, -9.2732

Details

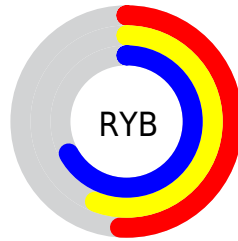
The Decimal color **8623018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **11180675**, and the grayscale version is **9539985**.

A 20% lighter version of the original color is **12175841**, and **5333366** is the 20% darker color. If you saturate the color by 10%, you get **7506346**, and if you desaturate by 10%, it is **9739690**.

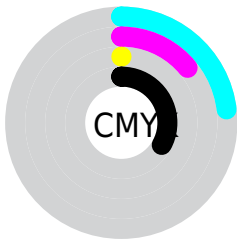
Distribution



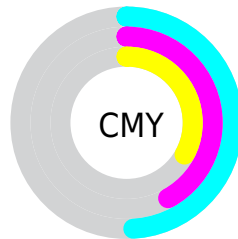
- Red (51%)
- Green (58%)
- Blue (67%)



- Red (51%)
- Yellow (56%)
- Blue (67%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8623018 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 8623018 by changing the saturation by 10% instead.

■ 8623018

16777215

■ 12175841

■ 13952510

■ 15859711

■ 8623018

■ 6912399

■ 5333366

■ 3754333

■ 2241094

■ 728367

■ 795

■ 0

■ 8623018

■ 7506346

■ 8623018

■ 9739690

■ 6389674

■ 10856362

■ 5273002

■ 11973034

■ 4156330

■ 13089706

■ 3039658

■ 14206378

■ 1922986

■ 15323050

■ 806314

■ 16439722

■ 18090

■ 16769962

■ 16772522

Harmonies

Analogous

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



7771814



8623018



9670567

Triad

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



8623018



11307655



8492932

Complementary

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



8623018



11180675

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.



9409660



8623018



10980733

Square

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



8623018



11176339



10260857



7772560

Rectangle

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



8623018



10325154



10260857



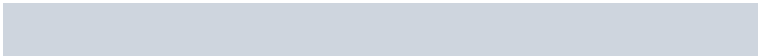
8755073

Sweetspot

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



8623018



13555166



8628890



6777712



15790320



7368816

Same Dimension

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



8623018



10533342



8815530



5001044



15764



2068

Inverse Universe

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



11174803



14590137



10988163



5524559



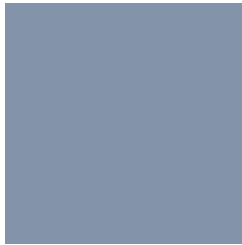
9699389



1310728

Previews

White Background



This preview shows how the Decimal color 8623018 looks on a white background.

Color Contrast Check

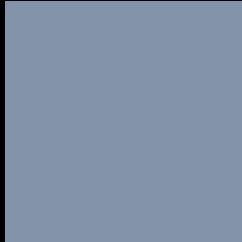
Large Text (above 18pt) WCAG AA ✓ Pass

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 8623018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

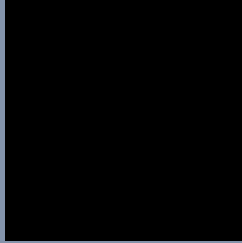
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

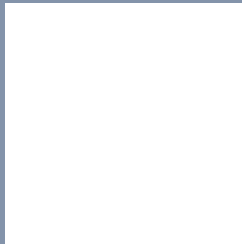
Any Text WCAG AAA × Fail

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

Decimal 8623018 Background



This preview shows how black text looks on a background with the Decimal color 8623018.



This preview shows how white text looks on a background with the Decimal color 8623018.

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
8623018

Protanopia
9277608

Deuteranopia
9670315



Tritanopia
8492448

Trichromacy



Original Color

8623018

Protanomaly

9015721

Deuteranomaly

9277611

Tritanomaly

8557732

Monochromacy



Original Color

8623018

Achromatopsia

9539985

Achromatomaly

9212570

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8623018 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 #8393AA looks like.

```
.text, #text, p{  
    color:#8393AA  
}
```

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 #8393AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8393AA
}
```

Border

The CSS property to change the border of an element to Decimal 8623018 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
#8393AA }
```

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

```
.border{ border-color:#8393AA }
```

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

Here you see how a box with a 4 pixel #8393AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8393AA; -webkit-box-shadow:4px 4px  
4px 4px #8393AA; box-shadow:4px 4px 4px  
4px #8393AA }
```

Background

The CSS property to change the background color of an element to Decimal 8623018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8393AA }
```

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

```
.background{ background-color:#8393AA }
```

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