

Converting Colors

Decimal(2839909)

Have a look what the booklet for
Decimal(2839909) contains.

Decimal(2839909)	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(2839909)

Conversions

Conversions Part 1

Format	Color
Hex	2B5565
RGB	43, 85, 101
RGB Percent	17%, 33%, 40%
CMY	0.8314, 0.6667, 0.6039
CMYK	0.57, 0.16, 0.00, 0.60
HSL	197°, 40%, 28%
HSV	197°, 57%, 40%
XYZ	6.5937, 7.9502, 13.4989
YIQ	74.2660, -30.1680, -3.9280

Conversions

Conversions Part 2

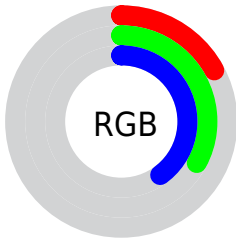
Format	Color
RYB	43, 67, 101
Decimal	2839909
CIELab	33.88, -9.55, -13.73
CIElCh	34, 16.722, 235.182
Yxy	7.9502, 0.2351, 0.2835
Android (android.graphics.Color)	4281029989 (0xFF2B5565)
YUV	74.2660, 13.1799, -27.4203
Hunter-Lab	28.1961, -7.6004, -8.6480




Details

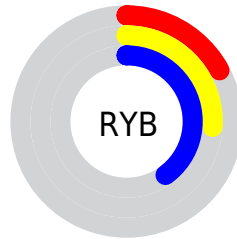
The Decimal color **2839909** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6634283**, and the grayscale version is **4868682**.




A 20% lighter version of the original color is **6195096**, and **10294** is the 20% darker color. If you saturate the color by 10%, you get **2183781**, and if you desaturate by 10%, it is **3496037**.

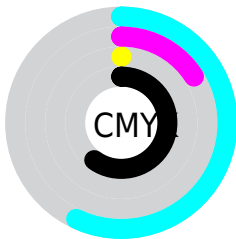
Distribution







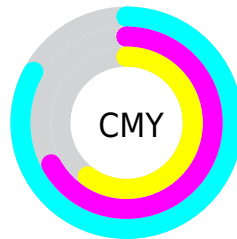
-  Red (17%)
-  Green (33%)
-  Blue (40%)






-  Red (17%)
-  Yellow (26%)
-  Blue (40%)



-  Cyan (57%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (83%)
-  Magenta (67%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2839909 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 2839909 by changing the saturation by 10% instead.



2839909



2839909

16777215



998989



6195096



10294



7905715



5153



9616590



8



11458794



0



13235455



15138815



2839909



2839909



2183781



3496037

■ 1527653

■ 4152165

■ 871781

■ 4808037

■ 215653

■ 5464165

■ 18789

■ 6185829

■ 6841957

■ 7498085

■ 8153957

■ 8810085

Harmonies

Analogous

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



2512730



2839909



3953258

Triad

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



2839909



6833746



5067319

Complementary

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



2839909



6634283

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.



5983797



2839909



6964805

Square

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



2839909



6244703



6638138



4085056

Rectangle

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



2839909



4738921



6638138



5394742

Sweetspot

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



2839909



7109762



2843962



3489602



12763842



4342338

Same Dimension

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



2839909



2648450



2832741



3027507



21363



45042

Inverse Universe

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



6630229



8530025



6641451



3354162



7536723



15859887

Previews

White Background



This preview shows how the Decimal color 2839909 looks on a white background.

Color Contrast Check

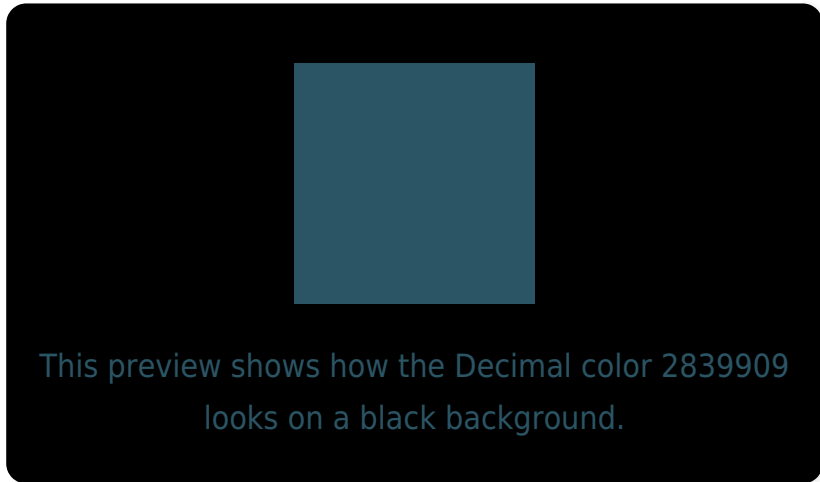
Large Text (above 18pt) WCAG AA ✓ Pass

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

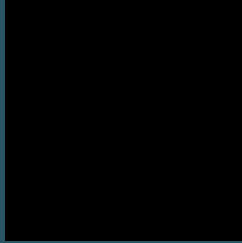
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

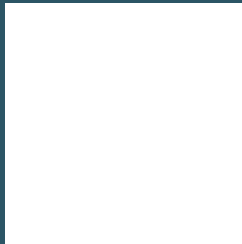
Any Text WCAG AAA × Fail

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

Decimal 2839909 Background



This preview shows how black text looks on a background with the Decimal color 2839909.



This preview shows how white text looks on a background with the Decimal color 2839909.

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

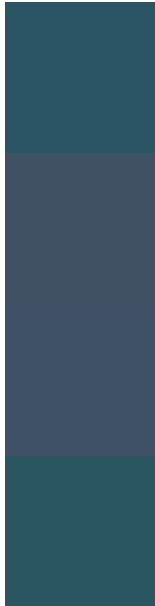


Original Color
2839909

Protanopia
4935521

Deuteranopia
4935271

Trichromacy



Original Color
2839909

Protanomaly
4149602

Deuteranomaly
4149606

Tritanomaly
2709088

Monochromacy



Original Color
2839909

Achromatopsia
4868682

Achromatomaly
4148820

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2839909 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 #2B5565 looks like.

```
.text, #text, p{  
    color:#2B5565  
}
```

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 #2B5565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5565
}
```

Border

The CSS property to change the border of an element to Decimal 2839909 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
#2B5565 }
```

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

```
.border{ border-color:#2B5565 }
```

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

Here you see how a box with a 4 pixel #2B5565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5565; -webkit-box-shadow:4px 4px  
4px 4px #2B5565; box-shadow:4px 4px 4px  
4px #2B5565 }
```

Background

The CSS property to change the background color of an element to Decimal 2839909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5565 }
```

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

```
.background{ background-color:#2B5565 }
```

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