

Converting Colors

Decimal(2857175)

Have a look what the booklet for
Decimal(2857175) contains.

Decimal(2857175)	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(2857175)

Conversions

Conversions Part 1

Format	Color
Hex	2B98D7
RGB	43, 152, 215
RGB Percent	17%, 60%, 84%
CMY	0.8314, 0.4039, 0.1569
CMYK	0.80, 0.29, 0.00, 0.16
HSL	202°, 68%, 51%
HSV	202°, 80%, 84%
XYZ	24.4902, 27.8764, 68.3799
YIQ	126.5910, -85.1870, -3.5150

Conversions

Conversions Part 2

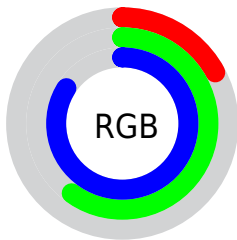
Format	Color
R_{YB}	43, 110, 215
Decimal	2857175
CIE _{Lab}	59.78, -8.46, -40.62
CIE _{LCh}	60, 41.493, 258.239
Yxy	27.8764, 0.2028, 0.2309
Android (android.graphics.Color)	4281047255 (0xFF2B98D7)
YUV	126.5910, 43.5856, -73.3093
Hunter-Lab	52.7981, -9.5999, -39.8291

Details

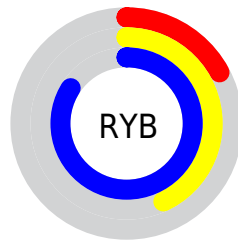
The Decimal color **2857175** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14117419**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **7589631**, and **26016** is the 20% darker color. If you saturate the color by 10%, you get **1413335**, and if you desaturate by 10%, it is **4301015**.

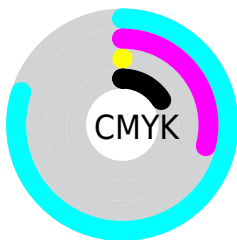
Distribution



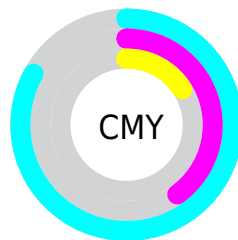
- Red (17%)
- Green (60%)
- Blue (84%)



- Red (17%)
- Yellow (43%)
- Blue (84%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)

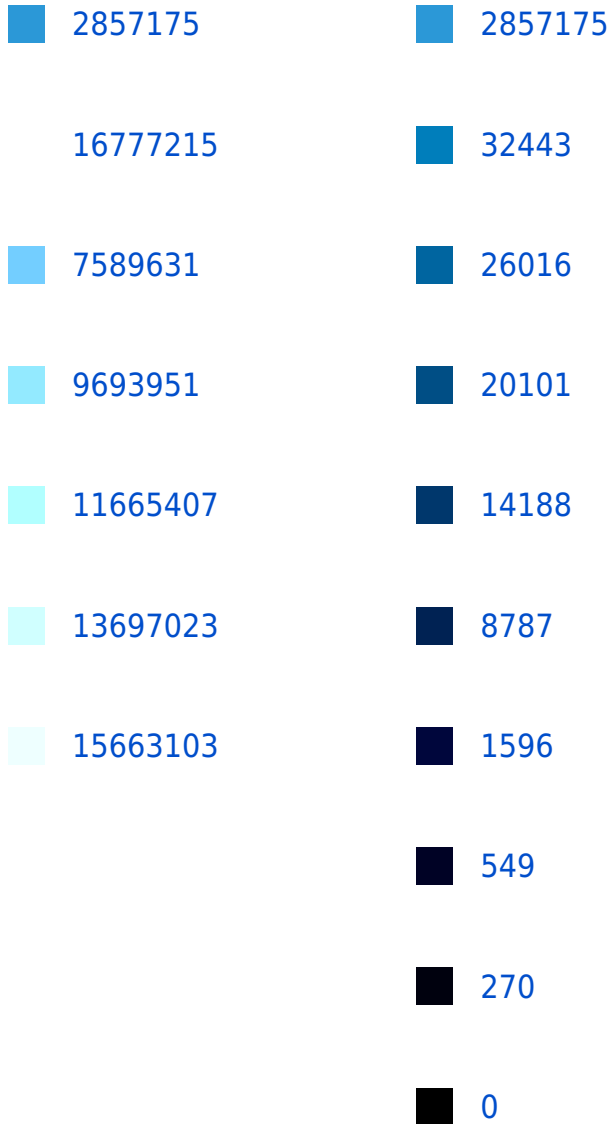


- Cyan (83%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2857175 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 2857175 by changing the saturation by 10% instead.



■ 2857175

■ 2857175

■ 1413335

■ 4301015

■ 35031

■ 5679319

■ 7123159

■ 8501463

■ 9945047

■ 11323351

■ 12767191

■ 14145495

■ 15589335

Harmonies

Analogous

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



41158



2857175



8162517

Triad

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



2857175



14054267



6724958

Complementary

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



2857175



14117419

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.



9475400



2857175



13335643

Square

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



2857175



13464736



11766088



2859648

Rectangle

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



2857175



10519498



11766088



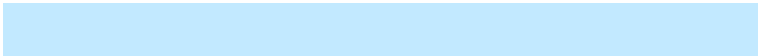
7707477

Sweetspot

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



2857175



12773887



2873191



5993088



0



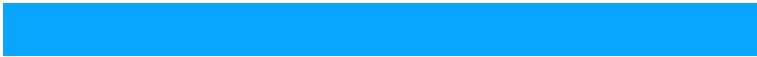
8421504

Same Dimension

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



2857175



697855



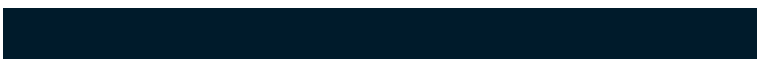
2835927



6317931



27819



6955

Inverse Universe

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



14101400



16714405



14138667



7037031



11206764



2818075

Previews

White Background



This preview shows how the Decimal color 2857175 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 2857175 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

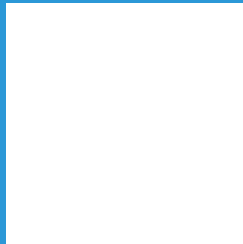
Any Text WCAG AAA × Fail

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

Decimal 2857175 Background



This preview shows how black text looks on a background with the Decimal color 2857175.



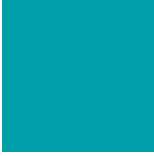
This preview shows how white text looks on a background with the Decimal color 2857175.

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](#).

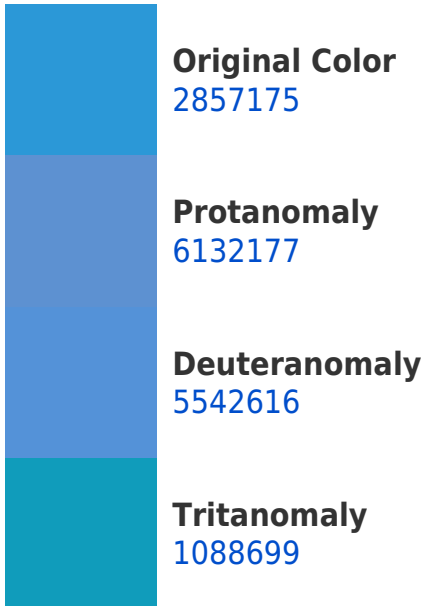
Dichromacy





Tritanopia
40875

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2857175 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 #2B98D7 looks like.

```
.text, #text, p{  
    color:#2B98D7  
}
```

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 #2B98D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B98D7
}
```

Border

The CSS property to change the border of an element to Decimal 2857175 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
#2B98D7 }
```

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

```
.border{ border-color:#2B98D7 }
```

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

Here you see how a box with a 4 pixel #2B98D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B98D7; -webkit-box-shadow:4px 4px  
4px 4px #2B98D7; box-shadow:4px 4px 4px  
4px #2B98D7 }
```

Background

The CSS property to change the background color of an element to Decimal 2857175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B98D7 }
```

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

```
.background{ background-color:#2B98D7 }
```

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