

Converting Colors

Decimal(2858196)

Have a look what the booklet for
Decimal(2858196) contains.

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Color

Decimal(2858196)

Conversions

Conversions Part 1

Format	Color
Hex	2B9CD4
RGB	43, 156, 212
RGB Percent	17%, 61%, 83%
CMY	0.8314, 0.3882, 0.1686
CMYK	0.80, 0.26, 0.00, 0.17
HSL	200°, 66%, 50%
HSV	200°, 80%, 83%
XYZ	24.7684, 29.0440, 66.5880
YIQ	128.5970, -85.3240, -6.5400

Conversions

Conversions Part 2

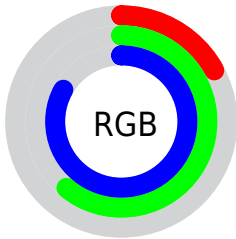
Format	Color
R _Y B	43, 111, 212
Decimal	2858196
CIE Lab	60.82, -11.76, -37.31
CIE LCh	61, 39.122, 252.513
Yxy	29.0440, 0.2057, 0.2412
Android (android.graphics.Color)	4281048276 (0xFF2B9CD4)
YUV	128.5970, 41.1177, -75.0686
Hunter-Lab	53.8925, -12.2752, -35.5323

Details

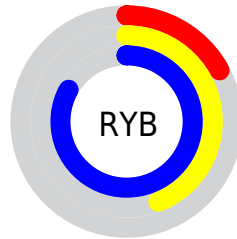
The Decimal color **2858196** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **13919019**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **7590655**, and **27037** is the 20% darker color. If you saturate the color by 10%, you get **1480148**, and if you desaturate by 10%, it is **4236244**.

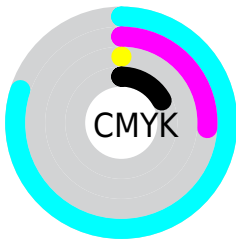
Distribution



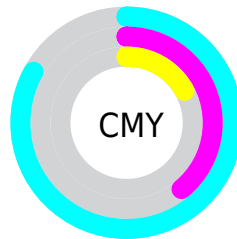
- Red (17%)
- Green (61%)
- Blue (83%)



- Red (17%)
- Yellow (44%)
- Blue (83%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)

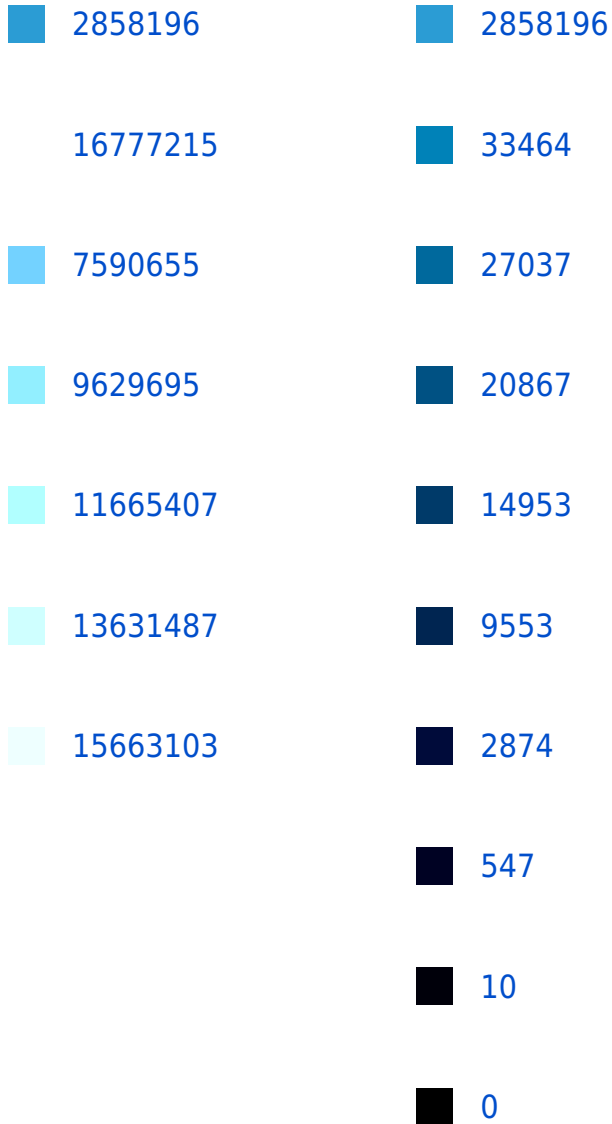


- Cyan (83%)
- Magenta (39%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2858196 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 2858196 by changing the saturation by 10% instead.



■ 2858196

■ 2858196

■ 1480148

■ 4236244

■ 102100

■ 5614292

■ 36564

■ 7057876

■ 8435924

■ 9813972

■ 11192020

■ 12570068

■ 14013652

■ 15391700

Harmonies

Analogous

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



41920



2858196



7770582

Triad

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



2858196



13989765



7642718

Complementary

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



2858196



13919019

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.



10130766



2858196



13598310

Square

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



2858196



13204136



12225105



4563837

Rectangle

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



2858196



10127821



12225105



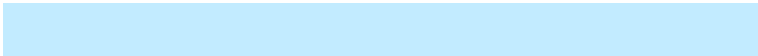
8559703

Sweetspot

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



2858196



12774399



2872417



5993344



0



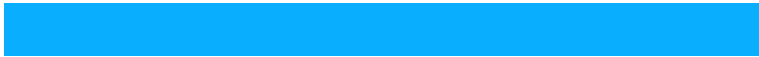
8421504

Same Dimension

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



2858196



700159



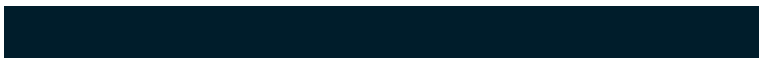
2837204



6318187



29355



7467

Inverse Universe

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



13904796



16714414



13940011



7037032



11206770



2818077

Previews

White Background



This preview shows how the Decimal color 2858196 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 2858196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

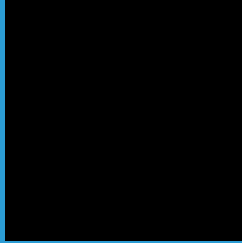
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

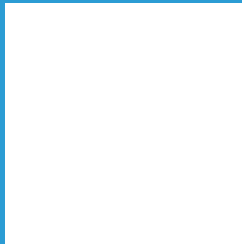
Any Text WCAG AAA × Fail

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

Decimal 2858196 Background



This preview shows how black text looks on a background with the Decimal color 2858196.



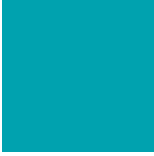
This preview shows how white text looks on a background with the Decimal color 2858196.

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](#).

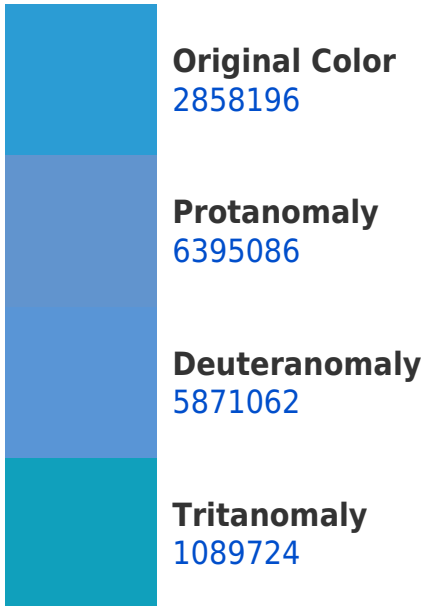
Dichromacy





Tritanopia
41647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2858196 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 #2B9CD4 looks like.

```
.text, #text, p{  
    color:#2B9CD4  
}
```

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 #2B9CD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B9CD4
}
```

Border

The CSS property to change the border of an element to Decimal 2858196 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
#2B9CD4 }
```

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

```
.border{ border-color:#2B9CD4 }
```

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

Here you see how a box with a 4 pixel #2B9CD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B9CD4; -webkit-box-shadow:4px 4px  
4px 4px #2B9CD4; box-shadow:4px 4px 4px  
4px #2B9CD4 }
```

Background

The CSS property to change the background color of an element to Decimal 2858196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B9CD4 }
```

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

```
.background{ background-color:#2B9CD4 }
```

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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