

# Converting Colors

Decimal(2659290)

Have a look what the booklet for  
Decimal(2659290) contains.

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# Color

**Decimal(2659290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2893DA
RGB	40, 147, 218
RGB Percent	16%, 58%, 85%
CMY	0.8431, 0.4235, 0.1451
CMYK	0.82, 0.33, 0.00, 0.15
HSL	204°, 71%, 51%
HSV	204°, 82%, 85%
XYZ	23.9637, 26.3805, 70.1586
YIQ	123.1010, -86.5630, -0.6030

# Conversions

## Conversions Part 2

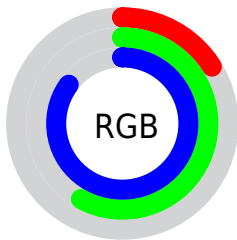
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	40, 107, 218
Decimal	2659290
CIE Lab	58.40, -4.80, -44.47
CIE LCh	58, 44.733, 263.834
Yxy	26.3805, 0.1989, 0.2189
Android (android.graphics.Color)	4280849370 (0xFF2893DA)
YUV	123.1010, 46.7852, -72.8796
Hunter-Lab	51.3620, -6.6016, -45.0346

# Details

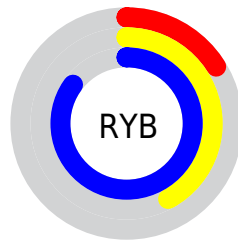
The Decimal color **2659290** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14315304**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **7522815**, and **24995** is the 20% darker color. If you saturate the color by 10%, you get **1215194**, and if you desaturate by 10%, it is **4103386**.

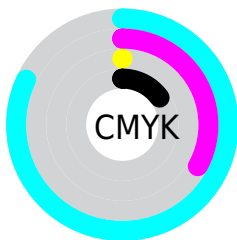
# Distribution



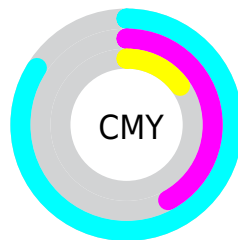
- Red (16%)
- Green (58%)
- Blue (85%)



- Red (16%)
- Yellow (42%)
- Blue (85%)



- Cyan (82%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



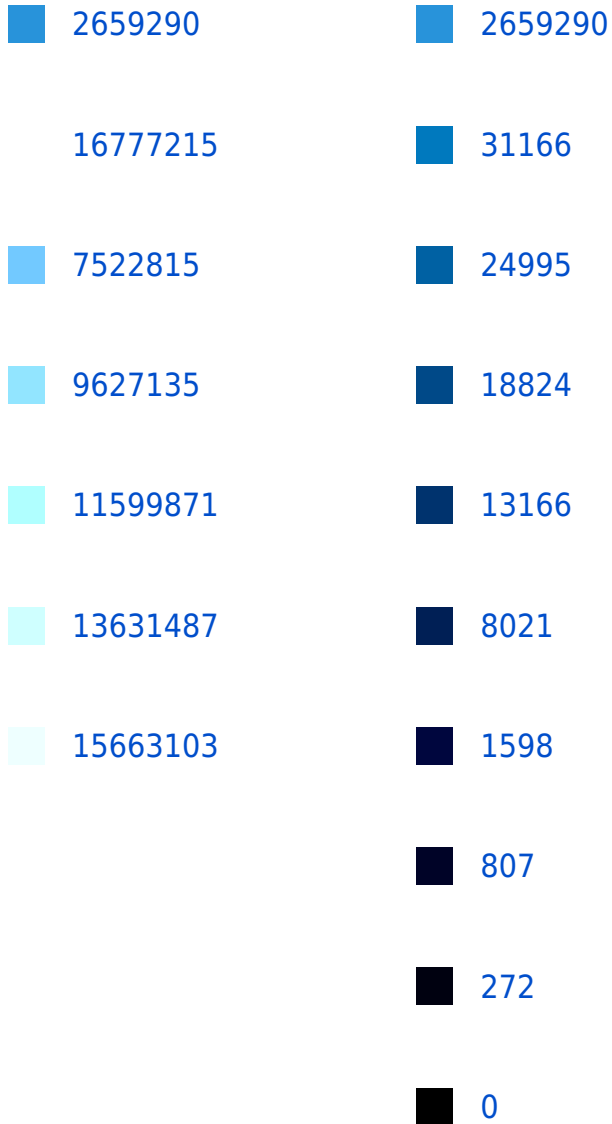
- Cyan (84%)
- Magenta (42%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2659290 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 2659290 by changing the saturation by 10% instead.





■ 2659290

■ 2659290

■ 1215194

■ 4103386

■ 33754

■ 5547226

■ 6925786

■ 8369882

■ 9813722

■ 11257818

■ 12701914

■ 14080474

■ 15524314

# Harmonies

## Analogous

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



40139



2659290



8553940

# Triad

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



2659290



13987183



5610588

# Complementary

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



2659290



14315304

# 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.



8688706



2659290



13072718

# Square

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



2659290



13724822



11175740



41091

# Rectangle

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



2659290



10976197



11175740



6723922

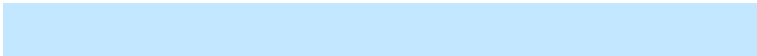


# Sweetspot

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



2659290



12773375



2677356



5992832



0



8421504

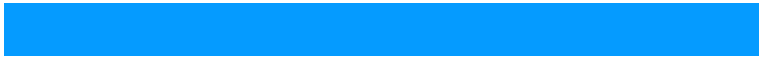


# Same Dimension

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



2659290



367615



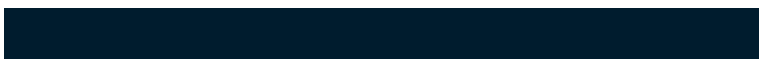
2637274



6515054



26797



7214



# Inverse Universe

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



14297235



16713115



14337320



7234409



11337832



3014684



# Previews

## White Background



This preview shows how the Decimal color 2659290 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 2659290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

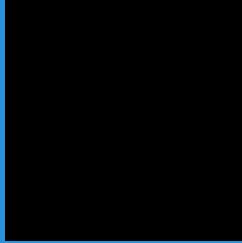
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

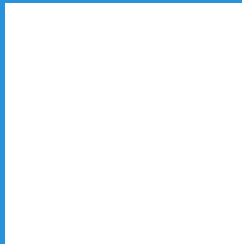
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2659290 Background



This preview shows how black text looks on a background with the Decimal color 2659290.



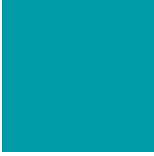
This preview shows how white text looks on a background with the Decimal color 2659290.

# 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](#).

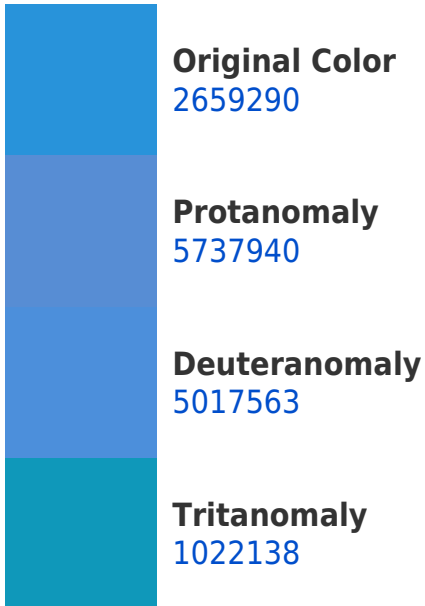
## Dichromacy



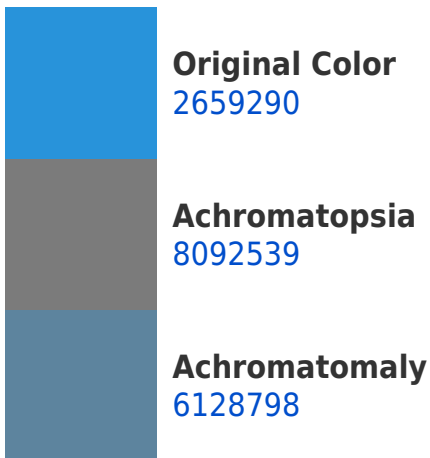


**Tritanopia**  
39847

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2659290 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 #2893DA looks like.

```
.text, #text, p{  
    color:#2893DA  
}
```

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 #2893DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2893DA
}
```

## Border

The CSS property to change the border of an element to Decimal 2659290 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
#2893DA }
```

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

```
.border{ border-color:#2893DA }
```

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

Here you see how a box with a 4 pixel #2893DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2893DA; -webkit-box-shadow:4px 4px  
4px 4px #2893DA; box-shadow:4px 4px 4px  
4px #2893DA }
```

# Background

The CSS property to change the background color of an element to Decimal 2659290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2893DA }
```

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

```
.background{ background-color:#2893DA }
```

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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