

# Converting Colors

Decimal(2851253)

Have a look what the booklet for  
Decimal(2851253) contains.

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# Color

**Decimal(2851253)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B81B5
RGB	43, 129, 181
RGB Percent	17%, 51%, 71%
CMY	0.8314, 0.4941, 0.2902
CMYK	0.76, 0.29, 0.00, 0.29
HSL	203°, 62%, 44%
HSV	203°, 76%, 71%
XYZ	17.1870, 19.5503, 46.5838
YIQ	109.2140, -67.9480, -2.0600

# Conversions

## Conversions Part 2

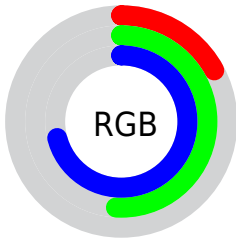
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 96, 181
Decimal	2851253
CIE <sub>Lab</sub>	51.32, -7.45, -34.63
CIE <sub>LCh</sub>	51, 35.418, 257.855
Yxy	19.5503, 0.2063, 0.2346
Android (android.graphics.Color)	4281041333 (0xFF2B81B5)
YUV	109.2140, 35.3905, -58.0697
Hunter-Lab	44.2157, -7.9931, -31.5144

# Details

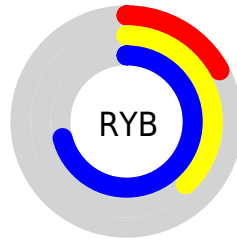
The Decimal color **2851253** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **11886379**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **7124717**, and **20608** is the 20% darker color. If you saturate the color by 10%, you get **1669813**, and if you desaturate by 10%, it is **4032693**.

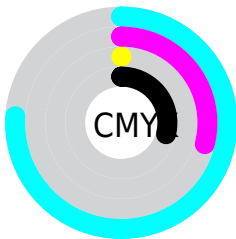
# Distribution



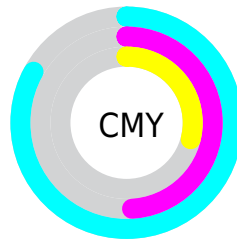
- Red (17%)
- Green (51%)
- Blue (71%)



- Red (17%)
- Yellow (38%)
- Blue (71%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (49%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2851253 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 2851253 by changing the saturation by 10% instead.



■ 2851253

■ 2851253

16777215

■ 26778

■ 7124717

■ 20608

■ 9097727

■ 14694

■ 11005439

■ 9294

■ 12976127

■ 3639

■ 14876671

■ 545

■ 6

■ 0

■ 2851253

■ 2851253

■ 1669813

■ 4032693

■ 488373

■ 5214133

■ 29109

■ 6395317

■ 7576757

■ 8823733

■ 10005173

■ 11186613

■ 12368053

■ 13549237

# Harmonies

## Analogous

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



34726



2851253



6977460

# Triad

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



2851253



11821673



5866832

# Complementary

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



2851253



11886379

# 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.



8093247



2851253



11299407

# Square

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



2851253



11363208



9991231



2853229

# Rectangle

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



2851253



8941482



9991231



6652745

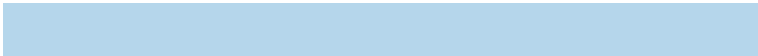


# Sweetspot

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



2851253



11917035



2864478



5532021



16119285



7697781



# Same Dimension

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



2851253



1415915



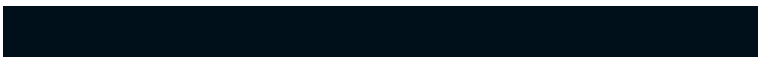
2833845



5264985



24473



4122



# Inverse Universe

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



11873153



15406490



11903787



5853270



10027103



1703952



# Previews

## White Background



This preview shows how the Decimal color 2851253 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 2851253 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 2851253 Background



This preview shows how black text looks on a background with the Decimal color 2851253.

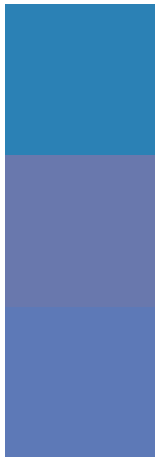


This preview shows how white text looks on a background with the Decimal color 2851253.

# 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**  
2851253

**Protanopia**  
6912173

**Deuteranopia**  
6126007

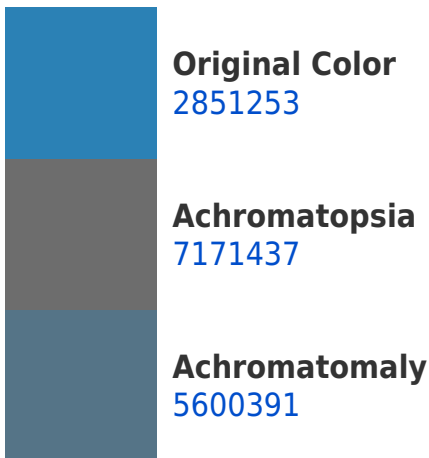


**Tritanopia**  
34706

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2851253 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 #2B81B5 looks like.

```
.text, #text, p{  
    color:#2B81B5  
}
```

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 #2B81B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B81B5
}
```

## Border

The CSS property to change the border of an element to Decimal 2851253 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
#2B81B5 }
```

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

```
.border{ border-color:#2B81B5 }
```

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

Here you see how a box with a 4 pixel #2B81B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B81B5; -webkit-box-shadow:4px 4px  
4px 4px #2B81B5; box-shadow:4px 4px 4px  
4px #2B81B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 2851253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B81B5 }
```

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

```
.background{ background-color:#2B81B5 }
```

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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