

Converting Colors

Decimal(2840776)

Have a look what the booklet for
Decimal(2840776) contains.

Decimal(2840776)	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>	28

Color

Decimal(2840776)

Conversions

Conversions Part 1

Format	Color
Hex	2B58C8
RGB	43, 88, 200
RGB Percent	17%, 35%, 78%
CMY	0.8314, 0.6549, 0.2157
CMYK	0.78, 0.56, 0.00, 0.22
HSL	223°, 65%, 48%
HSV	223°, 78%, 78%
XYZ	14.9113, 11.6632, 56.1089
YIQ	87.3130, -62.7720, 25.2920

Conversions

Conversions Part 2

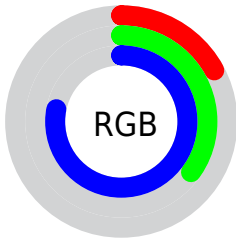
Format	Color
R_{YB}	43, 78, 200
Decimal	2840776
CIE _{Lab}	40.68, 25.38, -62.63
CIE _{LCh}	41, 67.573, 292.057
Yxy	11.6632, 0.1803, 0.1411
Android (android.graphics.Color)	4281030856 (0xFF2B58C8)
YUV	87.3130, 55.5547, -38.8625
Hunter-Lab	34.1514, 18.1725, -73.5043

Details

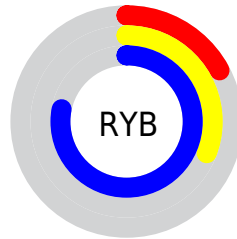
The Decimal color **2840776** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **13146923**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **7440895**, and **11409** is the 20% darker color. If you saturate the color by 10%, you get **1526472**, and if you desaturate by 10%, it is **4155080**.

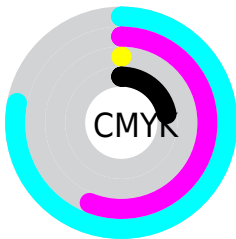
Distribution



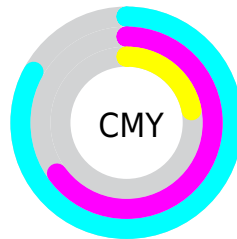
- Red (17%)
- Green (35%)
- Blue (78%)



- Red (17%)
- Yellow (31%)
- Blue (78%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2840776 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 2840776 by changing the saturation by 10% instead.

■ 2840776

■ 2840776

16777215

■ 16812

■ 7440895

■ 11409

■ 9413631

■ 6519

■ 11452159

■ 93

■ 13425407

■ 2116

■ 15398911

■ 813

■ 280

■ 0

■ 2840776

■ 2840776

■ 1526472

■ 4155080

■ 211912

■ 5469640

■ 14792

■ 6783944

■ 8098248

■ 9412552

■ 10727112

■ 12041416

■ 13355720

■ 14670024

Harmonies

Analogous

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



27599



2840776



9582757

Triad

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



2840776



11025664



30287

Complementary

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



2840776



13146923

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.



29199



2840776



8542208

Square

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



2840776



12391994



5138688



30600

Rectangle

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



2840776



11541635



5138688



30011

Sweetspot

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



2840776



12768255



2869401



5989760



0



8421504

Same Dimension

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



2840776



1004799



4860872



5921891



12195



2596

Inverse Universe

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



13118296



16715604



11126827



6511196



10682415



2359306

Previews

White Background



This preview shows how the Decimal color 2840776 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 × Fail

Black Background



This preview shows how the Decimal color 2840776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

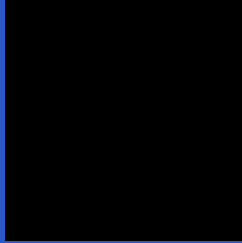
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 2840776 Background



This preview shows how black text looks on a background with the Decimal color 2840776.



This preview shows how white text looks on a background with the Decimal color 2840776.

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



Trichromacy



Original Color
2840776

Protanomaly
1072069

Deuteranomaly
1072820

Monochromacy



Original Color
2840776

Achromatopsia
5723991

Achromatomaly
4675456

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2840776 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 #2B58C8 looks like.

```
.text, #text, p{  
    color:#2B58C8  
}
```

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 #2B58C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B58C8
}
```

Border

The CSS property to change the border of an element to Decimal 2840776 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
#2B58C8 }
```

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

```
.border{ border-color:#2B58C8 }
```

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

Here you see how a box with a 4 pixel #2B58C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B58C8; -webkit-box-shadow:4px 4px  
4px 4px #2B58C8; box-shadow:4px 4px 4px  
4px #2B58C8 }
```

Background

The CSS property to change the background color of an element to Decimal 2840776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B58C8 }
```

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

```
.background{ background-color:#2B58C8 }
```

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