

Converting Colors

Decimal(2778010)

Have a look what the booklet for
Decimal(2778010) contains.

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Color

Decimal(2778010)

Conversions

Conversions Part 1

Format	Color
Hex	2A639A
RGB	42, 99, 154
RGB Percent	16%, 39%, 60%
CMY	0.8353, 0.6118, 0.3961
CMYK	0.73, 0.36, 0.00, 0.40
HSL	209°, 57%, 38%
HSV	209°, 73%, 60%
XYZ	11.2494, 11.7490, 32.2467
YIQ	88.2270, -51.6270, 5.0210

Conversions

Conversions Part 2

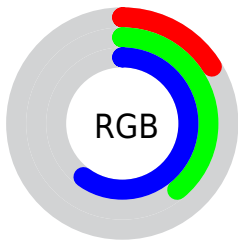
Format	Color
R_{YB}	42, 80, 154
Decimal	2778010
CIE Lab	40.81, 0.60, -35.36
CIE LCh	41, 35.362, 270.973
Yxy	11.7490, 0.2036, 0.2127
Android (android.graphics.Color)	4280968090 (0xFF2A639A)
YUV	88.2270, 32.4261, -40.5411
Hunter-Lab	34.2768, -1.4020, -31.7847

Details

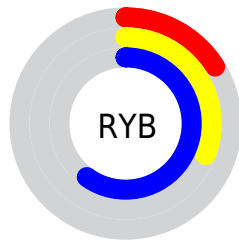
The Decimal color **2778010** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10117418**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **6723025**, and **13670** is the 20% darker color. If you saturate the color by 10%, you get **1792922**, and if you desaturate by 10%, it is **3763098**.

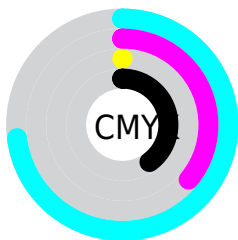
Distribution



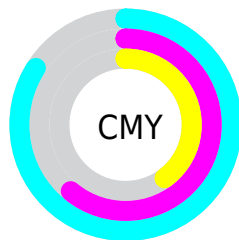
- Red (16%)
- Green (39%)
- Blue (60%)



- Red (16%)
- Yellow (31%)
- Blue (60%)



- Cyan (73%)
- Magenta (36%)
- Yellow (0%)
- Black (40%)



- Cyan (84%)
- Magenta (61%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2778010 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 2778010 by changing the saturation by 10% instead.

■ 2778010

■ 2778010

16777215

■ 19328

■ 6723025

■ 13670

■ 8564973

■ 8270

■ 10406911

■ 1847

■ 12314623

■ 545

■ 14221311

■ 6

■ 16121855

■ 0

■ 2778010

■ 2778010

■ 1792922

■ 3763098

■ 742554

■ 4813466

■ 20122

■ 5798554

■ 6848922

■ 7834010

■ 8818842

■ 9869466

■ 10854298

■ 11904922

Harmonies

Analogous

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



27282



2778010



6510738

Triad

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



2778010



9784132



2911299

Complementary

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



2778010



10117418

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.



5465900



2778010



8868910

Square

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



2778010



9783136



7364388



28512

Rectangle

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



2778010



8081797



7364388



3894074

Sweetspot

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



2778010



10335433



2792032



4938086



15132390



6710886

Same Dimension

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



2778010



1733577



2763930



4540749



18316



1549

Inverse Universe

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



10103395



13179507



10131498



5064009



9175111



851974

Previews

White Background



This preview shows how the Decimal color 2778010 looks on a white background.

Color Contrast Check

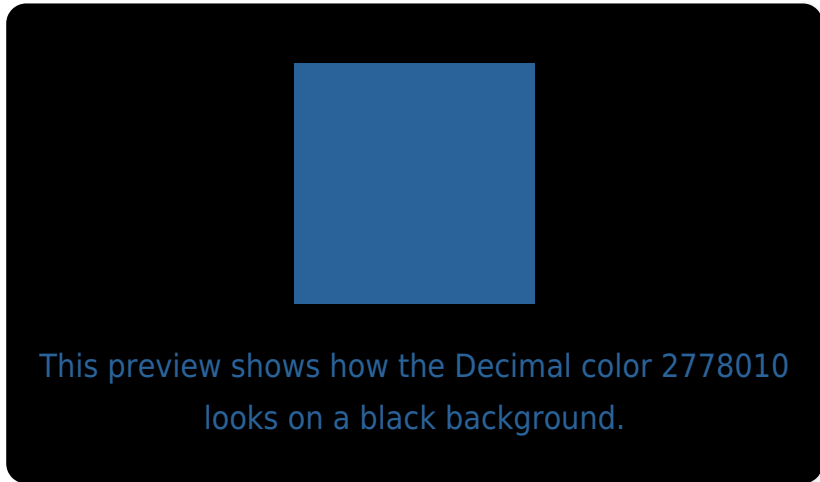
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 2778010 Background



This preview shows how black text looks on a background with the Decimal color 2778010.



This preview shows how white text looks on a background with the Decimal color 2778010.

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](#).

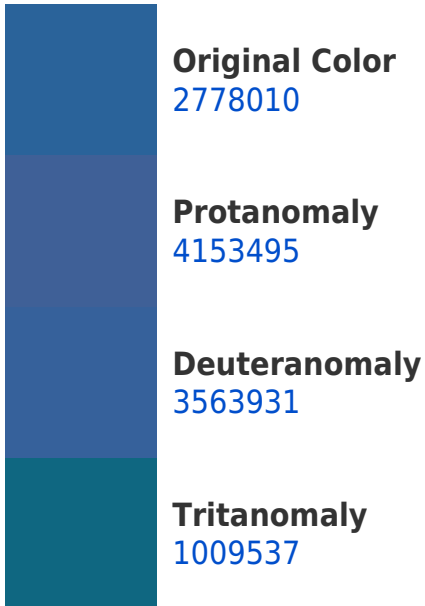
Dichromacy





Tritanopia
27251

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2778010 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 #2A639A looks like.

```
.text, #text, p{  
    color:#2A639A  
}
```

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 #2A639A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A639A
}
```

Border

The CSS property to change the border of an element to Decimal 2778010 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
#2A639A }
```

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

```
.border{ border-color:#2A639A }
```

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

Here you see how a box with a 4 pixel #2A639A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A639A; -webkit-box-shadow:4px 4px  
4px 4px #2A639A; box-shadow:4px 4px 4px  
4px #2A639A }
```

Background

The CSS property to change the background color of an element to Decimal 2778010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A639A }
```

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

```
.background{ background-color:#2A639A }
```

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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