

Converting Colors

Decimal(2576216)

Have a look what the booklet for
Decimal(2576216) contains.

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Color

Decimal(2576216)

Conversions

Conversions Part 1

Format	Color
Hex	274F58
RGB	39, 79, 88
RGB Percent	15%, 31%, 35%
CMY	0.8471, 0.6902, 0.6549
CMYK	0.56, 0.10, 0.00, 0.65
HSL	191°, 39%, 25%
HSV	191°, 56%, 35%
XYZ	5.3941, 6.7279, 10.2468
YIQ	68.0660, -26.7290, -5.6810

Conversions

Conversions Part 2

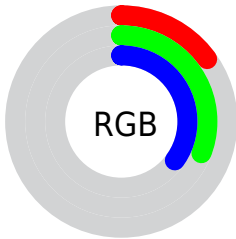
Format	Color
R_{YB}	39, 61, 88
Decimal	2576216
CIE _{Lab}	31.18, -11.21, -9.63
CIE _{LCh}	31, 14.779, 220.652
Yxy	6.7279, 0.2411, 0.3008
Android (android.graphics.Color)	4280766296 (0xFF274F58)
YUV	68.0660, 9.8275, -25.4909
Hunter-Lab	25.9382, -8.2707, -5.2657

Details

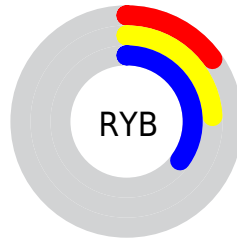
The Decimal color **2576216** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5779495**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **5865610**, and **8747** is the 20% darker color. If you saturate the color by 10%, you get **1985880**, and if you desaturate by 10%, it is **3166552**.

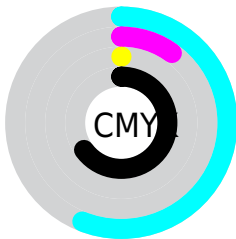
Distribution



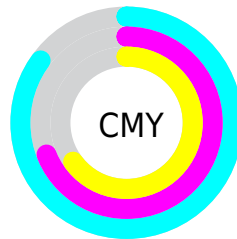
- Red (15%)
- Green (31%)
- Blue (35%)



- Red (15%)
- Yellow (24%)
- Blue (35%)



- Cyan (56%)
- Magenta (10%)
- Yellow (0%)
- Black (65%)



- Cyan (85%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2576216 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 2576216 by changing the saturation by 10% instead.

■ 2576216

■ 2576216

16777215

■ 800833

■ 5865610

■ 8747

■ 7510692

■ 2327

■ 9221567

■ 0

■ 10998235

■ 12840440

■ 14680063

■ 16580607

■ 2576216

■ 2576216

■ 1985880

■ 3166552

■ 1395800

■ 3756632

■ 871000

■ 4281432

■ 280920

■ 4871512

■ 18520

■ 5461848

■ 6052184

■ 6642264

■ 7167064

■ 7757400

Harmonies

Analogous

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



2707533



2576216



3231071

Triad

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



2576216



6046289



5130803

Complementary

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



2576216



5779495

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.



5785140



2576216



6373702

Square

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



2576216



5260635



6243131



4279608

Rectangle

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



2576216



3885664



6243131



5327154

Sweetspot

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



2576216



6254451



2578480



3094587



12237498



3881787

Same Dimension

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



2576216



2516339



2570072



2566955



22379



49387

Inverse Universe

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



5777231



7546469



5785639



2828075



7012439



15401152

Previews

White Background



This preview shows how the Decimal color 2576216 looks on a white background.

Color Contrast Check

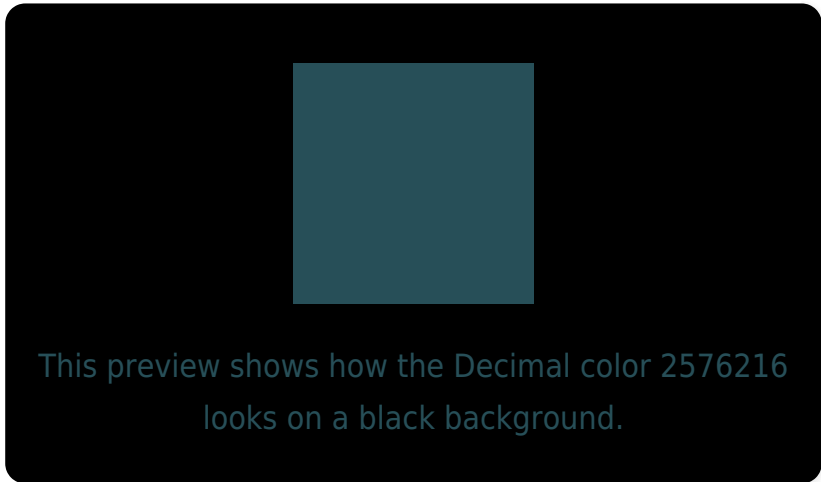
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

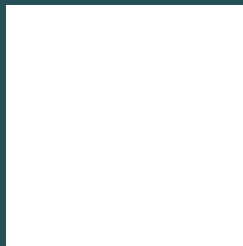
Any Text WCAG AAA × Fail

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

Decimal 2576216 Background



This preview shows how black text looks on a background with the Decimal color 2576216.



This preview shows how white text looks on a background with the Decimal color 2576216.

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

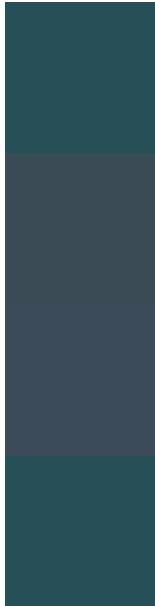


Original Color
2576216

Protanopia
4671828

Deuteranopia
4737114

Trichromacy



Original Color
2576216

Protanomaly
3885909

Deuteranomaly
3951449

Tritanomaly
2510679

Monochromacy



Original Color
2576216

Achromatopsia
4473924

Achromatomaly
3754059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2576216 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 #274F58 looks like.

```
.text, #text, p{  
    color:#274F58  
}
```

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 #274F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274F58
}
```

Border

The CSS property to change the border of an element to Decimal 2576216 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".

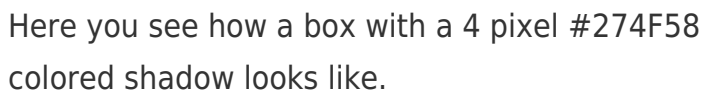
```
.border, #border, table{ border:4px solid
#274F58 }
```

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

```
.border{ border-color:#274F58 }
```

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

Here you see how a box with a 4 pixel #274F58 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274F58; -webkit-box-shadow:4px 4px  
4px 4px #274F58; box-shadow:4px 4px 4px  
4px #274F58 }
```

Background

The CSS property to change the background color of an element to Decimal 2576216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274F58 }
```

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

```
.background{ background-color:#274F58 }
```

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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