

Converting Colors

Decimal(2583936)

Have a look what the booklet for
Decimal(2583936) contains.

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Color

Decimal(2583936)

Conversions

Conversions Part 1

Format	Color
Hex	276D80
RGB	39, 109, 128
RGB Percent	15%, 43%, 50%
CMY	0.8471, 0.5725, 0.4980
CMYK	0.70, 0.15, 0.00, 0.50
HSL	193°, 53%, 33%
HSV	193°, 70%, 50%
XYZ	10.2016, 12.9271, 22.3796
YIQ	90.2360, -47.8190, -8.9310

Conversions

Conversions Part 2

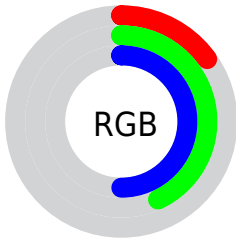
Format	Color
RYB	39, 78, 128
Decimal	2583936
CIELab	42.65, -15.20, -16.90
CIELCh	43, 22.731, 228.044
Yxy	12.9271, 0.2242, 0.2841
Android (android.graphics.Color)	4280774016 (0xFF276D80)
YUV	90.2360, 18.6177, -44.9340
Hunter-Lab	35.9543, -12.2727, -11.7367

Details

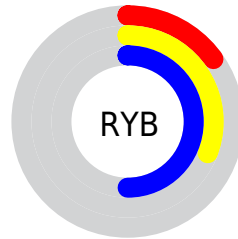
The Decimal color **2583936** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8403495**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **6332853**, and **15695** is the 20% darker color. If you saturate the color by 10%, you get **1731200**, and if you desaturate by 10%, it is **3436672**.

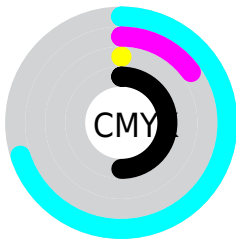
Distribution



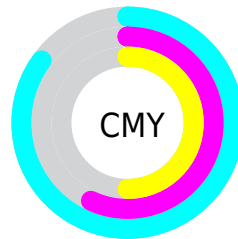
- Red (15%)
- Green (43%)
- Blue (50%)



- Red (15%)
- Yellow (31%)
- Blue (50%)



- Cyan (70%)
- Magenta (15%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (57%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2583936 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 2583936 by changing the saturation by 10% instead.



2583936



2583936

16777215



21863



6332853



15695



8109264



10040



9951213



4642



11793663



10



13697023



0



15597567



2583936



2583936



1731200



3436672

■ 878720

■ 4289152

■ 91520

■ 5076352

■ 25984

■ 5929088

■ 6781824

■ 7634304

■ 8487040

■ 9274240

■ 10126976

Harmonies

Analogous

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



2584432



2583936



4155785

Triad

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



2583936



8738669



6711105

Complementary

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



2583936



8403495

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.



7889216



2583936



9066330

Square

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



2583936



7691390



8739658



5336139

Rectangle

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



2583936



5465482



8739658



7169343

Sweetspot

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



2583936



8625830



2588729



4149332



13948116



5526612

Same Dimension

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



2583936



1869990



2572928



3751488



25728



0

Inverse Universe

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



8398701



10886280



8414503



4208958



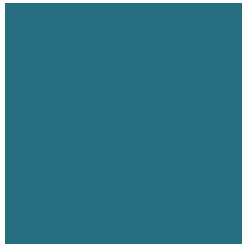
8388708



0

Previews

White Background



This preview shows how the Decimal color 2583936 looks on a white background.

Color Contrast Check

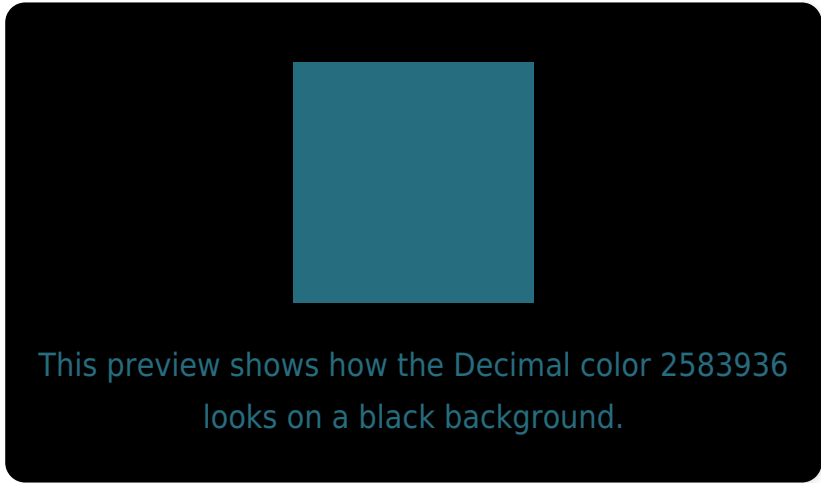
Large Text (above 18pt) WCAG AA ✓ Pass

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

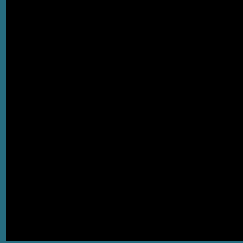
Any Text WCAG AA × Fail

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 2583936 Background



This preview shows how black text looks on a background with the Decimal color 2583936.

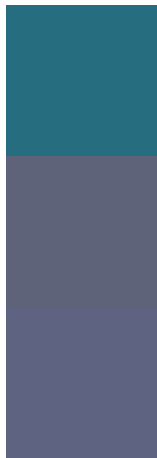


This preview shows how white text looks on a background with the Decimal color 2583936.

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
2583936

Protanopia
6251385

Deuteranopia
6185858

Trichromacy



Original Color
2583936

Protanomaly
4941692

Deuteranomaly
4876161

Tritanomaly
2387578

Monochromacy



Original Color
2583936

Achromatopsia
5921370

Achromatomaly
4677992

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2583936 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 #276D80 looks like.

```
.text, #text, p{  
    color:#276D80  
}
```

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 #276D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #276D80
}
```

Border

The CSS property to change the border of an element to Decimal 2583936 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
#276D80 }
```

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

```
.border{ border-color:#276D80 }
```

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

Here you see how a box with a 4 pixel #276D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #276D80; -webkit-box-shadow:4px 4px  
4px 4px #276D80; box-shadow:4px 4px 4px  
4px #276D80 }
```

Background

The CSS property to change the background color of an element to Decimal 2583936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#276D80 }
```

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

```
.background{ background-color:#276D80 }
```

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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