

# Converting Colors

Decimal(2579521)

Have a look what the booklet for  
Decimal(2579521) contains.

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# Color

**Decimal(2579521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	275C41
RGB	39, 92, 65
RGB Percent	15%, 36%, 25%
CMY	0.8471, 0.6392, 0.7451
CMYK	0.58, 0.00, 0.29, 0.64
HSL	149°, 40%, 26%
HSV	149°, 58%, 36%
XYZ	5.6180, 8.4673, 6.3393
YIQ	73.0750, -22.9210, -19.6330

# Conversions

## Conversions Part 2

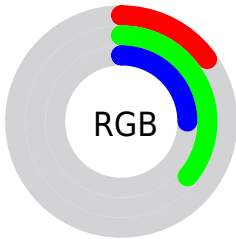
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 75, 92
Decimal	2579521
CIELab	34.94, -24.79, 10.31
CIELCh	35, 26.849, 157.423
Yxy	8.4673, 0.2751, 0.4146
Android (android.graphics.Color)	4280769601 (0xFF275C41)
YUV	73.0750, -3.9810, -29.8838
Hunter-Lab	29.0986, -16.4601, 7.4524

# Details

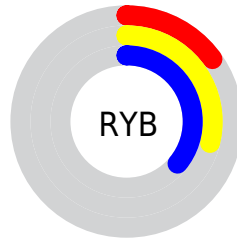
The Decimal color **2579521** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6039362**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5869425**, and **11542** is the 20% darker color. If you saturate the color by 10%, you get **1989692**, and if you desaturate by 10%, it is **3169350**.

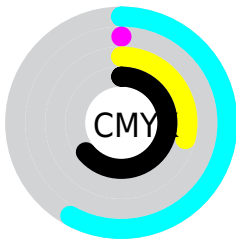
# Distribution



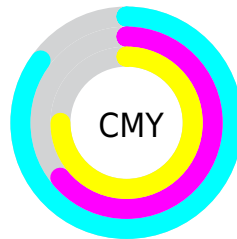
- Red (15%)
- Green (36%)
- Blue (25%)



- Red (15%)
- Yellow (29%)
- Blue (36%)



- Cyan (58%)
- Magenta (0%)
- Yellow (29%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2579521 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 2579521 by changing the saturation by 10% instead.





2579521



2579521

16777215



803883



5869425



11542



7580042



6656



9291173



0



11067840



12910300



14745592



16646143



2579521



2579521

■ 1989692

■ 3169350

■ 1399864

■ 3759178

■ 744499

■ 4414543

■ 154670

■ 5004372

■ 23597

■ 5594200

■ 6184029

■ 6773858

■ 7429222

■ 8019051

# Harmonies

## Analogous

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



4413487



2579521



23895

# Triad

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



2579521



3756924



7881785

# Complementary

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



2579521



6039362

# 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.



8077646



2579521



5983092

# Square

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



2579521



22905



7422819



7162667

# Rectangle

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



2579521



23909



7422819



8012352



# Sweetspot

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



2579521



6518893



4348967



3226935



12434877



4013373



# Same Dimension

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



2579521



2455630



2579547



2698796



28214



60788



# Inverse Universe

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



6039362



7873871



6039336



3025196



7209016

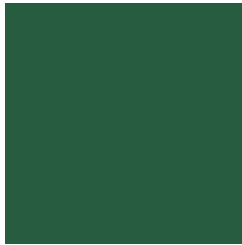


15532153



# Previews

## White Background



This preview shows how the Decimal color 2579521 looks on a white background.

## Color Contrast Check

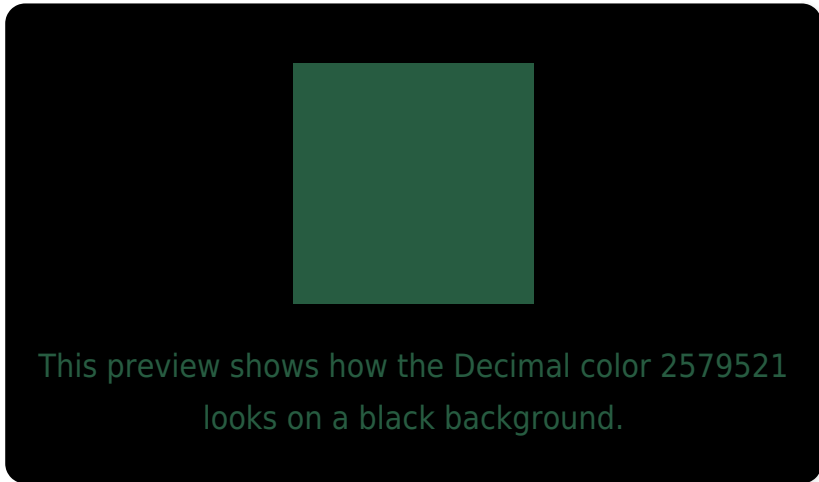
Large Text (above 18pt) WCAG AA ✓ Pass

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

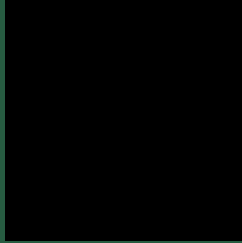
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2579521 Background



This preview shows how black text looks on a background with the Decimal color 2579521.



This preview shows how white text looks on a background with the Decimal color 2579521.

# 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](#).

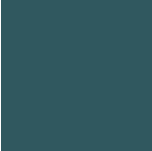
## Dichromacy



**Original Color**  
2579521

**Protanopia**  
5788220

**Deuteranopia**  
6246212



**Tritanopia**  
3168351

# Trichromacy



**Original Color**  
2579521

**Protanomaly**  
4609598

**Deuteranomaly**  
4936771

**Tritanomaly**  
2971988

# Monochromacy



**Original Color**  
2579521

**Achromatopsia**  
4802889

**Achromatomaly**  
4018246

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2579521 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 #275C41 looks like.

```
.text, #text, p{  
    color:#275C41  
}
```

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 #275C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275C41
}
```

## Border

The CSS property to change the border of an element to Decimal 2579521 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".

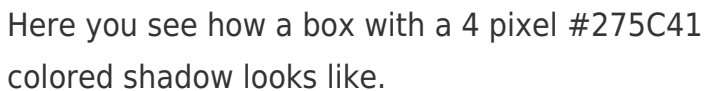
```
.border, #border, table{ border:4px solid
#275C41 }
```

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

```
.border{ border-color:#275C41 }
```

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

Here you see how a box with a 4 pixel #275C41 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275C41; -webkit-box-shadow:4px 4px  
4px 4px #275C41; box-shadow:4px 4px 4px  
4px #275C41 }
```

# Background

The CSS property to change the background color of an element to Decimal 2579521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275C41 }
```

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

```
.background{ background-color:#275C41 }
```

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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