

Converting Colors

Decimal(2579721)

Have a look what the booklet for
Decimal(2579721) contains.

Decimal(2579721)	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>	29

Color

Decimal(2579721)

Conversions

Conversions Part 1

Format	Color
Hex	275D09
RGB	39, 93, 9
RGB Percent	15%, 36%, 4%
CMY	0.8471, 0.6353, 0.9647
CMYK	0.58, 0.00, 0.90, 0.64
HSL	99°, 82%, 20%
HSV	99°, 90%, 36%
XYZ	4.8004, 8.2798, 1.6036
YIQ	67.2780, -5.2200, -37.5720

Conversions

Conversions Part 2

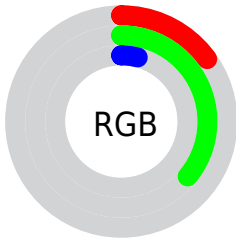
Format	Color
R_{YB}	9, 93, 63
Decimal	2579721
CIE _{Lab}	34.56, -33.11, 38.15
CIE _{LCh}	35, 50.509, 130.954
Yxy	8.2798, 0.3269, 0.5639
Android (android.graphics.Color)	4280769801 (0xFF275D09)
YUV	67.2780, -28.7311, -24.7998
Hunter-Lab	28.7746, -20.5770, 16.8380

Details

The Decimal color **2579721** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4131165**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **6000701**, and **11776** is the 20% darker color. If you saturate the color by 10%, you get **2186496**, and if you desaturate by 10%, it is **2972946**.

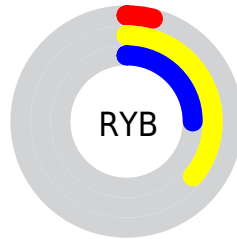
Distribution



Red (15%)

Green (36%)

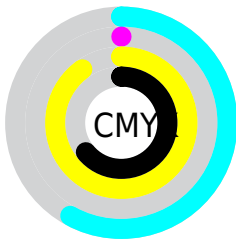
Blue (4%)



Red (4%)

Yellow (36%)

Blue (25%)

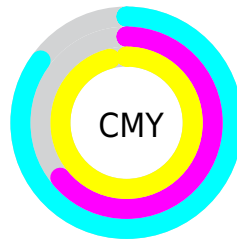


Cyan (58%)

Magenta (0%)

Yellow (90%)

Black (64%)



Cyan (85%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2579721 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 2579721 by changing the saturation by 10% instead.


 2579721

 2579721

 16777208

 673024

 6000701

 11776


 7777109

 6400

 9487983

 0

 11330185

 13172644

 15073215

 16777180

 2579721

 2579721

■ 2186496

■ 2972946

■ 3366172

■ 3759397

■ 4152622

■ 4545847

■ 4939073

■ 5332298

■ 5725523

■ 6118749

Harmonies

Analogous

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



5657600



2579721



25141

Triad

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



2579721



23966



9970500

Complementary

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



2579721



4131165

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.



9120364



2579721



20897

Square

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



2579721



25221



6635407



9384478

Rectangle

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



2579721



25425



6635407



9839442

Sweetspot

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



2579721



6518871



6110729



3226922



12434877



4013373

Same Dimension

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



2579721



2848768



613652



2829865



2584064



5631232

Inverse Universe

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



4131165



5046392



6097234



2894126



4587630



9961709

Previews

White Background



This preview shows how the Decimal color 2579721 looks on a white background.

Color Contrast Check

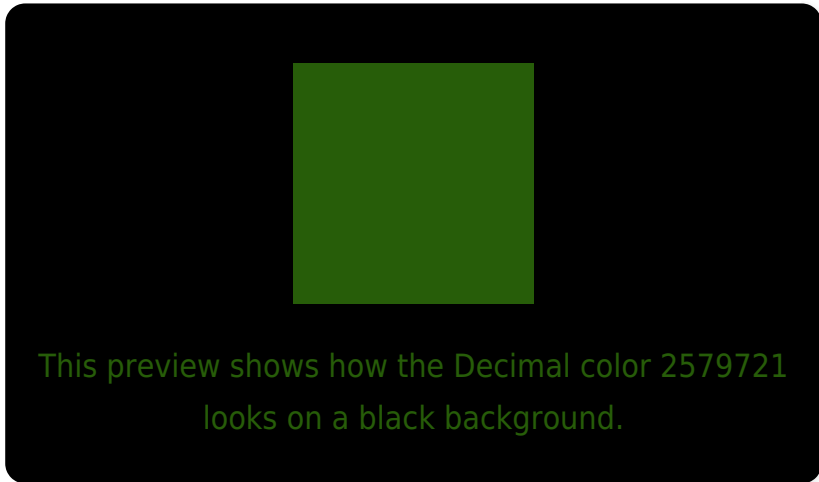
Large Text (above 18pt) WCAG AA ✓ Pass

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

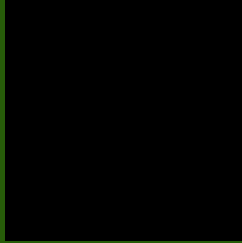
Any Text WCAG AA × Fail

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 2579721 Background



This preview shows how black text looks on a background with the Decimal color 2579721.



This preview shows how white text looks on a background with the Decimal color 2579721.

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
2579721

Protanopia
5984514

Deuteranopia
6704405



Tritanopia
3495517

Trichromacy



Original Color
2579721

Protanomaly
4740357

Deuteranomaly
5198609

Tritanomaly
3168574

Monochromacy



Original Color
2579721

Achromatopsia
4408131

Achromatomaly
3755054

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2579721 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 #275D09 looks like.

```
.text, #text, p{  
  color:#275D09  
}
```

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 #275D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275D09
}
```

Border

The CSS property to change the border of an element to Decimal 2579721 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".

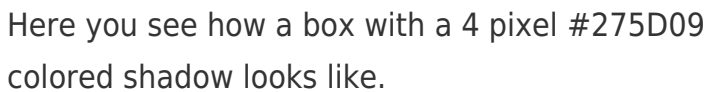
```
.border, #border, table{ border:4px solid
#275D09 }
```

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

```
.border{ border-color:#275D09 }
```

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

Here you see how a box with a 4 pixel #275D09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275D09; -webkit-box-shadow:4px 4px  
4px 4px #275D09; box-shadow:4px 4px 4px  
4px #275D09 }
```

Background

The CSS property to change the background color of an element to Decimal 2579721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275D09 }
```

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

```
.background{ background-color:#275D09 }
```

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