

Converting Colors

Decimal(2605593)

Have a look what the booklet for
Decimal(2605593) contains.

Decimal(2605593)	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(2605593)

Conversions

Conversions Part 1

Format	Color
Hex	27C219
RGB	39, 194, 25
RGB Percent	15%, 76%, 10%
CMY	0.8471, 0.2392, 0.9020
CMYK	0.80, 0.00, 0.87, 0.24
HSL	115°, 77%, 43%
HSV	115°, 87%, 76%
XYZ	20.3040, 39.0851, 7.3938
YIQ	128.3890, -38.1310, -85.4190

Conversions

Conversions Part 2

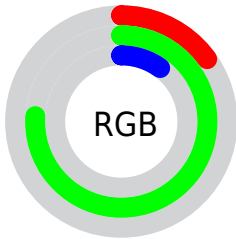
Format	Color
RYB	25, 194, 180
Decimal	2605593
CIELab	68.81, -66.68, 64.63
CIELCh	69, 92.863, 135.892
Yxy	39.0851, 0.3040, 0.5853
Android (android.graphics.Color)	4280795673 (0xFF27C219)
YUV	128.3890, -50.9708, -78.3942
Hunter-Lab	62.5181, -51.4353, 36.7507

Details

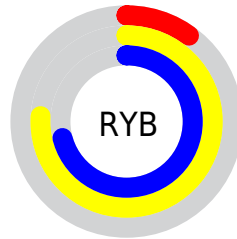
The Decimal color **2605593** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **11803074**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **7535704**, and **35584** is the 20% darker color. If you saturate the color by 10%, you get **1425926**, and if you desaturate by 10%, it is **3785260**.

Distribution



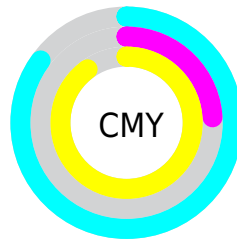
- Red (15%)
- Green (76%)
- Blue (10%)



- Red (10%)
- Yellow (76%)
- Blue (71%)



- Cyan (80%)
- Magenta (0%)
- Yellow (87%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2605593 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 2605593 by changing the saturation by 10% instead.

 2605593

 2605593

16777215

 42496

 7535704

 35584

 9568117

 28672

 11599761

 22016

 13565869

 15616

 15597514

 9472

 16777191

 0

 2605593

 2605593

 1425926

 3785260

■ 1098240

■ 4964928

■ 6079059

■ 7258727

■ 8438394

■ 9618061

■ 10797729

■ 11911860

■ 13091528

Harmonies

Analogous

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



10596864



2605593



51836

Triad

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



2605593



48639



16727935

Complementary

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



2605593



11803074

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.



16730067



2605593



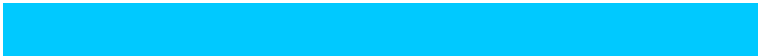
41983

Square

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



2605593



51711



14776831



16739373

Rectangle

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



2605593



52407



14776831



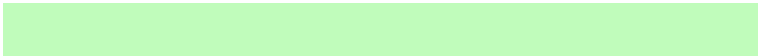
16726171

Sweetspot

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



2605593



12647611



12760089



5996632



0



8421504

Same Dimension

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



2605593



1440768



1688159



5792087



893184



205056

Inverse Universe

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



11803074



15204604



12720508



6313825



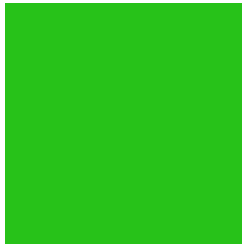
9633953



1966113

Previews

White Background



This preview shows how the Decimal color 2605593 looks on a white background.

Color Contrast Check

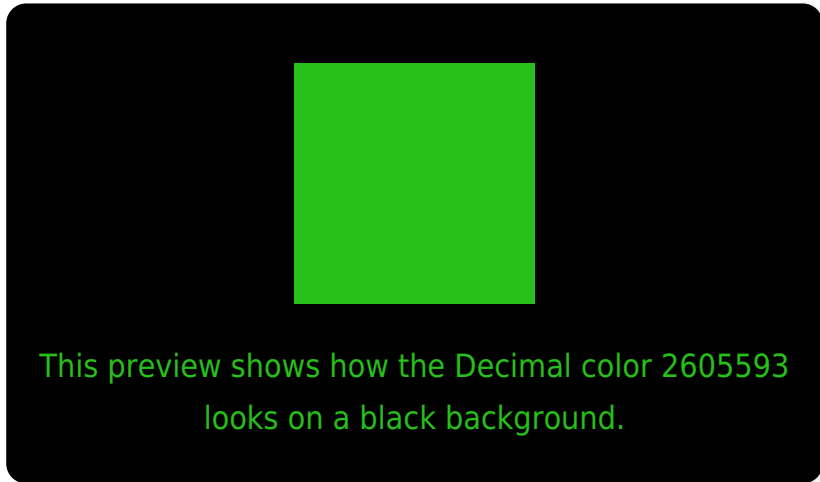
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Decimal 2605593 Background



This preview shows how black text looks on a background with the Decimal color 2605593.

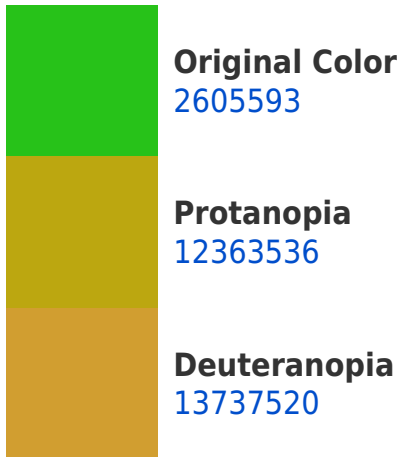


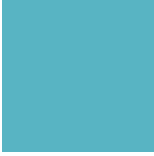
This preview shows how white text looks on a background with the Decimal color 2605593.

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
5813443

Trichromacy



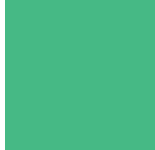
Original Color
2605593



Protanomaly
8827155



Deuteranomaly
9677608



Tritanomaly
4635013

Monochromacy



Original Color
2605593



Achromatopsia
8421504



Achromatomaly
6330459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2605593 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 #27C219 looks like.

```
.text, #text, p{  
    color:#27C219  
}
```

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 #27C219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C219
}
```

Border

The CSS property to change the border of an element to Decimal 2605593 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
#27C219 }
```

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

```
.border{ border-color:#27C219 }
```

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

Here you see how a box with a 4 pixel #27C219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C219; -webkit-box-shadow:4px 4px  
4px 4px #27C219; box-shadow:4px 4px 4px  
4px #27C219 }
```

Background

The CSS property to change the background color of an element to Decimal 2605593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C219 }
```

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

```
.background{ background-color:#27C219 }
```

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