

Converting Colors

Decimal(59519)

Have a look what the booklet for
Decimal(59519) contains.

Decimal(59519)	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(59519)

Conversions

Conversions Part 1

Format	Color
Hex	00E87F
RGB	0, 232, 127
RGB Percent	0%, 91%, 50%
CMY	1.0000, 0.0902, 0.5020
CMYK	1.00, 0.00, 0.45, 0.09
HSL	153°, 100%, 45%
HSV	153°, 100%, 91%
XYZ	32.6874, 59.2455, 29.7914
YIQ	150.6620, -104.5670, -81.8390

Conversions

Conversions Part 2

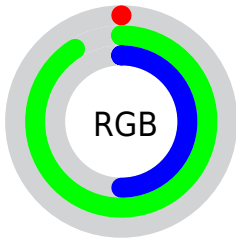
Format	Color
RYB	0, 150, 232
Decimal	59519
CIELab	81.43, -69.63, 38.14
CIELCh	81, 79.392, 151.291
Yxy	59.2455, 0.2685, 0.4867
Android (android.graphics.Color)	4278249599 (0xFF00E87F)
YUV	150.6620, -11.6654, -132.1306
Hunter-Lab	76.9711, -58.8957, 30.9318

Details

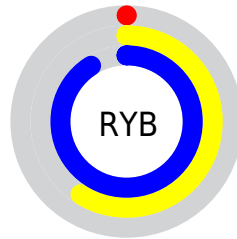
The Decimal color **59519** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **15204457**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7208885**, and **44876** is the 20% darker color. If you saturate the color by 10%, you get **59519**, and if you desaturate by 10%, it is **1566858**.

Distribution



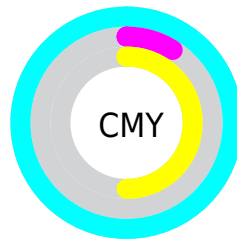
- Red (0%)
- Green (91%)
- Blue (50%)



- Red (0%)
- Yellow (59%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 59519 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 59519 by changing the saturation by 10% instead.



■ 59519

■ 1566858

■ 3074196

■ 4647071

■ 6154409

■ 7661748

■ 9169086

■ 10676425

■ 12249299

■ 13756638

Harmonies

Analogous

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



10673213



59519



60875

Triad

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



59519



54015



16747905

Complementary

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



59519



15204457

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.



16744906



59519



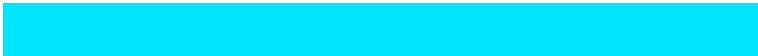
13547007

Square

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



59519



58623



16749823



16755523

Rectangle

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



59519



60926



16749823



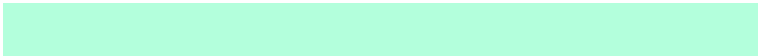
16746137

Sweetspot

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



59519



11796444



7137280



5406827



0



8421504

Same Dimension

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



59519



65420



57576



6779758



45922



13084

Inverse Universe

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



15204457



16711795



15206400



7563116



11731025



3342359

Previews

White Background



This preview shows how the Decimal color 59519 looks on a white background.

Color Contrast Check

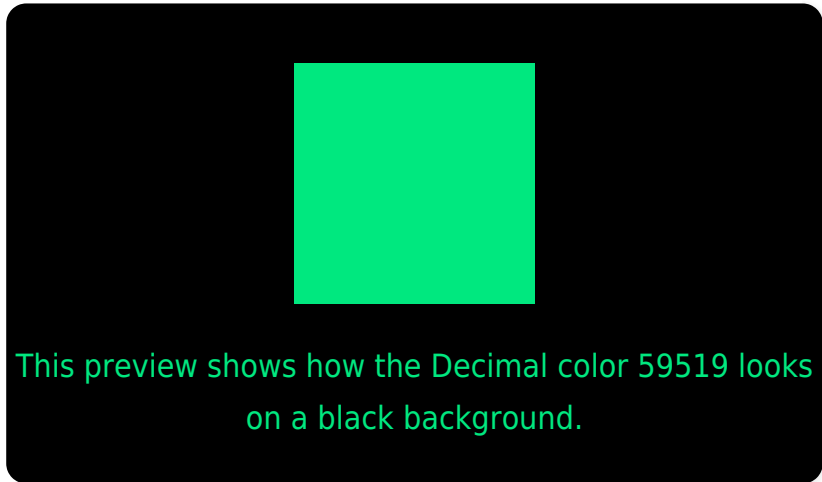
Large Text (above 18pt) WCAG AA × Fail

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 59519 Background



This preview shows how black text looks on a background with the Decimal color 59519.



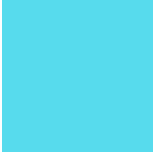
This preview shows how white text looks on a background with the Decimal color 59519.

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
5757933

Trichromacy



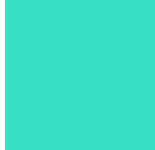
Original Color
59519



Protanomaly
9229431



Deuteranomaly
10080133



Tritanomaly
3662021

Monochromacy



Original Color
59519



Achromatopsia
9934743



Achromatomaly
6337678

CSS Examples

Text

The CSS property to change the color of the text to Decimal 59519 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 #00E87F looks like.

```
.text, #text, p{  
    color:#00E87F  
}
```

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 #00E87F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E87F
}
```

Border

The CSS property to change the border of an element to Decimal 59519 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
#00E87F }
```

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

```
.border{ border-color:#00E87F }
```

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

Here you see how a box with a 4 pixel #00E87F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E87F; -webkit-box-shadow:4px 4px  
4px 4px #00E87F; box-shadow:4px 4px 4px  
4px #00E87F }
```

Background

The CSS property to change the background color of an element to Decimal 59519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E87F }
```

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

```
.background{ background-color:#00E87F }
```

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