

Converting Colors

Decimal(519)

Have a look what the booklet for
Decimal(519) contains.

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Color

Decimal(519)

Conversions

Conversions Part 1

Format	Color
Hex	000207
RGB	0, 2, 7
RGB Percent	0%, 1%, 3%
CMY	1.0000, 0.9922, 0.9725
CMYK	1.00, 0.71, 0.00, 0.97
HSL	223°, 100%, 1%
HSV	223°, 100%, 3%
XYZ	0.0601, 0.0588, 0.2092
YIQ	1.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

Format	Color
R_YB	0, 2, 7
Decimal	519
CIE Lab	0.53, 0.17, -2.08
CIE LCh	1, 2.084, 274.749
Yxy	0.0588, 0.1831, 0.1791
Android (android.graphics.Color)	4278190599 (0xFF000207)
YUV	1.9720, 2.4788, -1.7294
Hunter-Lab	2.4240, 0.1807, -3.4199

Details

The Decimal color **519** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **460032**, and the grayscale version is **131586**.

A 20% lighter version of the original color is **3158324**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **519**, and if you desaturate by 10%, it is **66055**.

Distribution



Red (0%)

Green (1%)

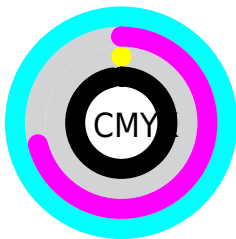
Blue (3%)



Red (0%)

Yellow (1%)

Blue (3%)

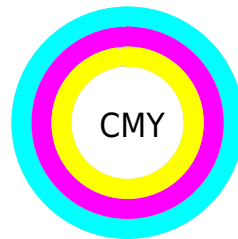


Cyan (100%)

Magenta (71%)

Yellow (0%)

Black (97%)



Cyan (100%)

Magenta (99%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 519 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 519 by changing the saturation by 10% instead.

■ 519

■ 519

■ 14869736

■ 0

■ 3158324

■ 4671563

■ 6185059

■ 7829628

■ 9540246

■ 11251120

■ 13027532

■ 519

■ 66055

■ 66311

■ 131847

■ 197639

■ 263175

■ 263431

■ 329223

■ 394759

■ 395015

Harmonies

Analogous

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



774



519



196870

Triad

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



519



459008



768

Complementary

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



519



460032

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.



768



519



327936

Square

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



519



524290



197120



1026

Rectangle

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



519



327941



197120



768

Sweetspot

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



519



460810



1797



197637



8750469



328965

Same Dimension

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



519



778



65543



131587



4930



14274

Inverse Universe

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



458754



655363



395008



197122



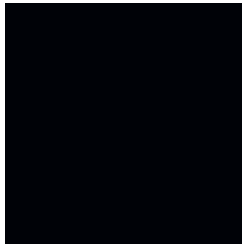
4325395



12714039

Previews

White Background



This preview shows how the Decimal color 519 looks on a white background.

Color Contrast Check

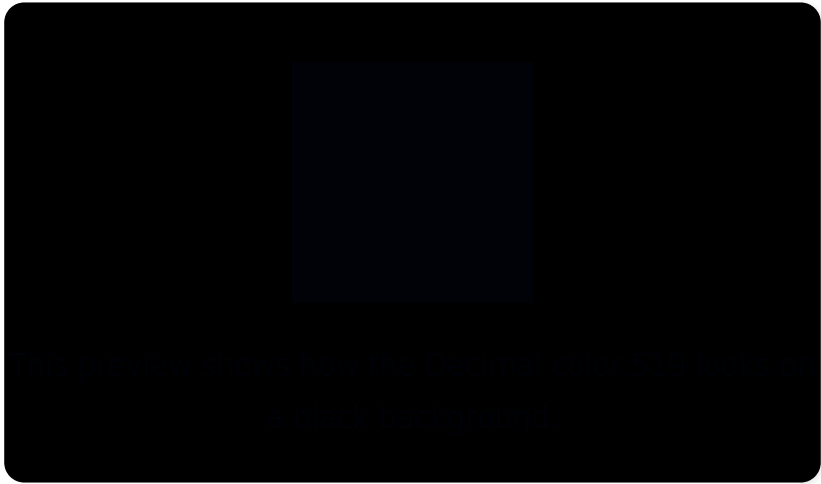
Large Text (above 18pt) WCAG AA ✓ Pass

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

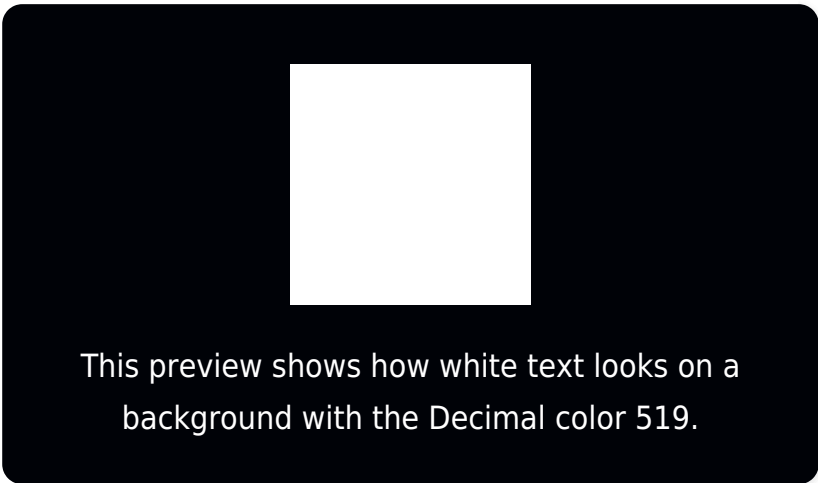
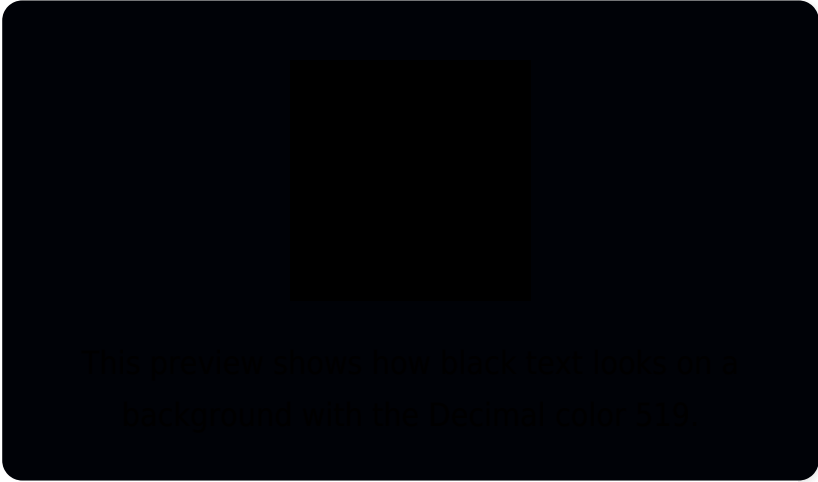
Any Text WCAG AA × Fail

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 519 Background



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](#).

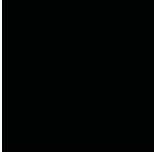
Dichromacy



Original Color
519

Protanopia
773

Deuteranopia
773



Tritanopia
771

Trichromacy



Original Color
519

Protanomaly
774

Deuteranomaly
774

Tritanomaly
772

Monochromacy



Original Color
519

Achromatopsia
131586

Achromatomaly
66052

CSS Examples

Text

The CSS property to change the color of the text to Decimal 519 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 #000207 looks like.

```
.text, #text, p{  
    color:#000207  
}
```

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 #000207 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000207
}
```

Border

The CSS property to change the border of an element to Decimal 519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

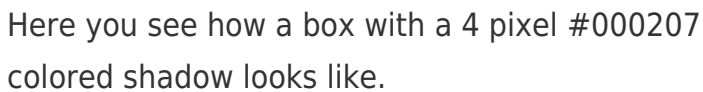
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000207 }
```

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

```
.border{ border-color:#000207 }
```

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



Here you see how a box with a 4 pixel #000207 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000207; -webkit-box-shadow:4px 4px  
4px 4px #000207; box-shadow:4px 4px 4px  
4px #000207 }
```

Background

The CSS property to change the background color of an element to Decimal 519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000207 }
```

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

```
.background{ background-color:#000207 }
```

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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