

# Converting Colors

Decimal(6000519)

Have a look what the booklet for  
Decimal(6000519) contains.

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# Color

**Decimal(6000519)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8F87
RGB	91, 143, 135
RGB Percent	36%, 56%, 53%
CMY	0.6431, 0.4392, 0.4706
CMYK	0.36, 0.00, 0.06, 0.44
HSL	171°, 22%, 46%
HSV	171°, 36%, 56%
XYZ	18.5100, 23.6183, 26.5049
YIQ	126.5400, -28.4240, -13.5120

# Conversions

## Conversions Part 2

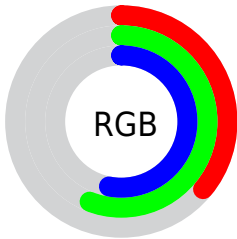
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 119, 143
Decimal	6000519
CIE <sub>Lab</sub>	55.70, -19.25, -1.25
CIE <sub>LCh</sub>	56, 19.289, 183.718
Yxy	23.6183, 0.2697, 0.3441
Android (android.graphics.Color)	4284190599 (0xFF5B8F87)
YUV	126.5400, 4.1708, -31.1686
Hunter-Lab	48.5987, -17.0616, 1.6834

# Details

The Decimal color **6000519** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9395043**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9422268**, and **2710613** is the 20% darker color. If you saturate the color by 10%, you get **5083013**, and if you desaturate by 10%, it is **6918025**.

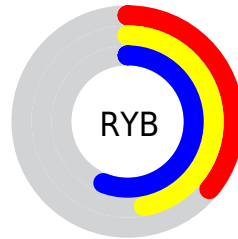
# Distribution



Red (36%)

Green (56%)

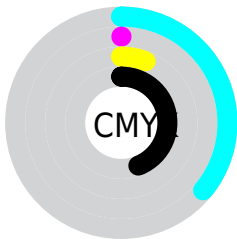
Blue (53%)



Red (36%)

Yellow (47%)

Blue (56%)

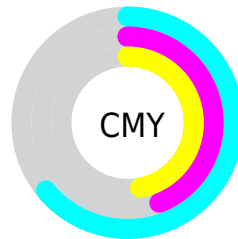


Cyan (36%)

Magenta (0%)

Yellow (6%)

Black (44%)



Cyan (64%)

Magenta (44%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6000519 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 6000519 by changing the saturation by 10% instead.



6000519

6000519

16777215

4355438

9422268

2710613

11198936

869694

13041396

11816

14942207

6932

0

6000519

6000519

5083013

6918025

4099971

7901067

■ 3182464

■ 8818574

■ 2264958

■ 9736080

■ 1281916

■ 10719122

■ 364410

■ 11636628

■ 36729

■ 12554134

■ 13471641

■ 14454683

# Harmonies

## Analogous

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



6983286



6000519



5672599

# Triad

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



6000519



9142433



10452840

# Complementary

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



6000519



9395043

# 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.



10976116



6000519



10321045

# Square

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



6000519



7636647



10975620



9471332

# Rectangle

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



6000519



5999776



10975620



10649195



# Sweetspot

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



6000519



10926775



6590299



5398108



14606046



6184542



# Same Dimension

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



6000519



6863534



5996175



4212550



34674



2054



# Inverse Universe

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



9395043



12216437



9399387



4669505



8847381



524289



# Previews

## White Background



This preview shows how the Decimal color 6000519 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 6000519 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

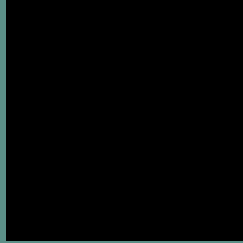
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6000519 Background



This preview shows how black text looks on a background with the Decimal color 6000519.

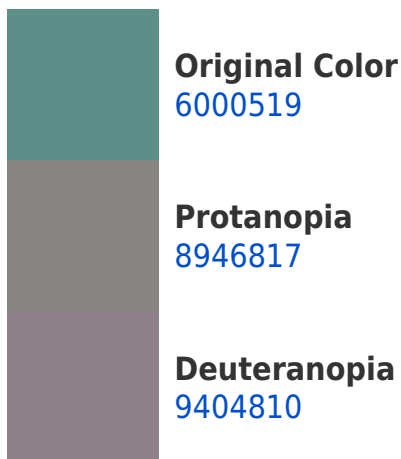


This preview shows how white text looks on a background with the Decimal color 6000519.

# 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





# Trichromacy



**Original Color**  
6000519

**Protanomaly**  
7899267

**Deuteranomaly**  
8160905

**Tritanomaly**  
6196626

# Monochromacy



**Original Color**  
6000519

**Achromatopsia**  
8355711

**Achromatomaly**  
7505282

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6000519 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 #5B8F87 looks like.

```
.text, #text, p{  
  color:#5B8F87  
}
```

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 #5B8F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8F87
}
```

## Border

The CSS property to change the border of an element to Decimal 6000519 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
#5B8F87 }
```

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

```
.border{ border-color:#5B8F87 }
```

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

Here you see how a box with a 4 pixel #5B8F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8F87; -webkit-box-shadow:4px 4px  
4px 4px #5B8F87; box-shadow:4px 4px 4px  
4px #5B8F87 }
```

# Background

The CSS property to change the background color of an element to Decimal 6000519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8F87 }
```

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

```
.background{ background-color:#5B8F87 }
```

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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