

# Converting Colors

Decimal(565163)

Have a look what the booklet for  
Decimal(565163) contains.

<b>Decimal(565163)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(565163)**

# Conversions

## Conversions Part 1

Format	Color
Hex	089FAB
RGB	8, 159, 171
RGB Percent	3%, 62%, 67%
CMY	0.9686, 0.3765, 0.3294
CMYK	0.95, 0.07, 0.00, 0.33
HSL	184°, 91%, 35%
HSV	184°, 95%, 67%
XYZ	19.8490, 27.7882, 42.8456
YIQ	115.2190, -93.8480, -28.2800

# Conversions

## Conversions Part 2

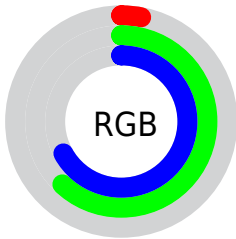
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	8, 86, 171
Decimal	565163
CIE Lab	59.70, -29.64, -16.05
CIE LCh	60, 33.701, 208.435
Yxy	27.7882, 0.2194, 0.3071
Android (android.graphics.Color)	4278755243 (0xFF089FAB)
YUV	115.2190, 27.5000, -94.0311
Hunter-Lab	52.7145, -25.0385, -11.2899

# Details

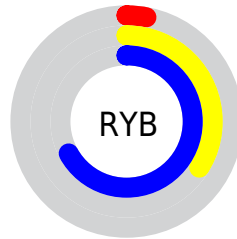
The Decimal color **565163** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11211784**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **6346466**, and **27511** is the 20% darker color. If you saturate the color by 10%, you get **40619**, and if you desaturate by 10%, it is **1679531**.

# Distribution



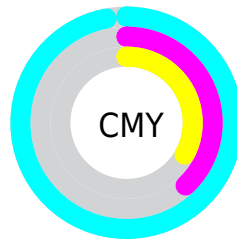
- Red (3%)
- Green (62%)
- Blue (67%)



- Red (3%)
- Yellow (34%)
- Blue (67%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (38%)
- Yellow (33%)

# Brightness & Saturation Gradients


These gradients show how the Decimal color 565163 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 565163 by changing the saturation by 10% instead.



 565163  565163


16777215  34192

 6346466  27511

 8385535  21086

 10354687  15174

 12320767  9520

 14286847  284

 16318463  0

 565163  565163

 40619  1679531

■ 2794155

■ 3908523

■ 5022891

■ 6137259

■ 7317419

■ 8431787

■ 9546155

■ 10660523

# Harmonies

## Analogous

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



3841933



565163



2792386

# Triad

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



565163



11828911



10849620

# Complementary

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



565163



11211784

# 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.



12354398



565163



13072787

# Square

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



565163



9537988



13204341



8820315

# Rectangle

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



565163



5281481



13204341



11373142



# Sweetspot

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



565163



10410462



568083



4812144



15790320



7368816

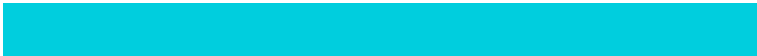


# Same Dimension

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



565163



52958



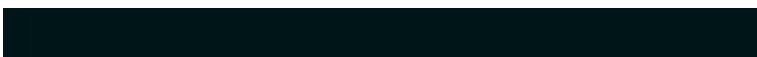
544683



5133911



35734



5399



# Inverse Universe

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



11208863



14549198



11232264



5721686



9830539



1507349



# Previews

## White Background



This preview shows how the Decimal color 565163 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 565163 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

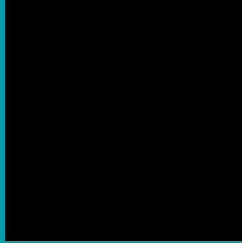
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 565163 Background



This preview shows how black text looks on a background with the Decimal color 565163.

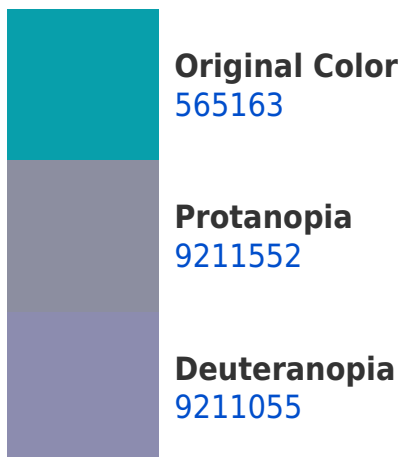


This preview shows how white text looks on a background with the Decimal color 565163.

# 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**  
827308

# Trichromacy



**Original Color**  
565163



**Protanomaly**  
6067364



**Deuteranomaly**  
6067118



**Tritanomaly**  
761772

# Monochromacy



**Original Color**  
565163



**Achromatopsia**  
7566195



**Achromatomaly**  
5014407

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 565163 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 #089FAB looks like.

```
.text, #text, p{  
    color:#089FAB  
}
```

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 #089FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #089FAB
}
```

## Border

The CSS property to change the border of an element to Decimal 565163 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
#089FAB }
```

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

```
.border{ border-color:#089FAB }
```

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

Here you see how a box with a 4 pixel #089FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #089FAB; -webkit-box-shadow:4px 4px  
4px 4px #089FAB; box-shadow:4px 4px 4px  
4px #089FAB }
```

# Background

The CSS property to change the background color of an element to Decimal 565163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#089FAB }
```

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

```
.background{ background-color:#089FAB }
```

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