

# Converting Colors

Decimal(4563827)

Have a look what the booklet for  
Decimal(4563827) contains.

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# Color

**Decimal(4563827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45A373
RGB	69, 163, 115
RGB Percent	27%, 64%, 45%
CMY	0.7294, 0.3608, 0.5490
CMYK	0.58, 0.00, 0.29, 0.36
HSL	149°, 41%, 45%
HSV	149°, 58%, 64%
XYZ	18.6459, 28.6974, 20.7761
YIQ	129.4220, -40.6160, -34.8560

# Conversions

## Conversions Part 2

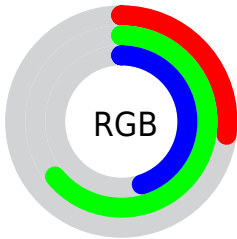
Format	Color
R <sub>YB</sub>	69, 132, 163
Decimal	4563827
CIE Lab	60.51, -39.27, 16.78
CIE LCh	61, 42.708, 156.867
Yxy	28.6974, 0.2737, 0.4213
Android (android.graphics.Color)	4282753907 (0xFF45A373)
YUV	129.4220, -7.1100, -52.9901
Hunter-Lab	53.5700, -31.6174, 14.5045

# Details

The Decimal color **4563827** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10700149**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **8248231**, and **28227** is the 20% darker color. If you saturate the color by 10%, you get **3515243**, and if you desaturate by 10%, it is **5612411**.

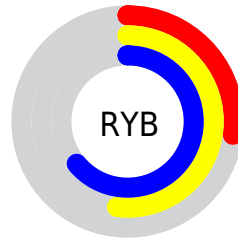
# Distribution



Red (27%)

Green (64%)

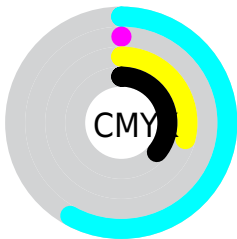
Blue (45%)



Red (27%)

Yellow (52%)

Blue (64%)

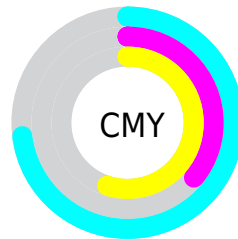


Cyan (58%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4563827 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 4563827 by changing the saturation by 10% instead.





4563827



4563827

16777215



2525274



8248231



28227



10090434



21804



11927518



15639



13828091



10240



15728639



1024



0



4563827



4563827



3515243



5612411

■ 2401122

■ 6726532

■ 1352538

■ 7775116

■ 303954

■ 8823700

■ 41808

■ 9872285

■ 10986405

■ 12034989

■ 13083574

■ 14197694

# Harmonies

## Analogous

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



7904596



4563827



42394

# Triad

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



4563827



6525917



13990247

# Complementary

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



4563827



10700149

# 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.



14250891



4563827



10585550

# Square

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



4563827



40663



13138096



12682573

# Rectangle

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



4563827



42419



13138096



14186098



# Sweetspot

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



4563827



11588801



7775045



5663584



15461355



7039851



# Same Dimension

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



4563827



4379785



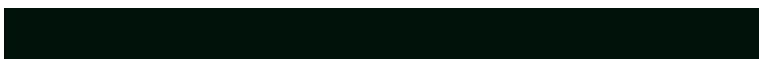
4563873



4805197



37191



4617



# Inverse Universe

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



10700149



13910668



10700103



5392718



9502794



1179657



# Previews

## White Background



This preview shows how the Decimal color 4563827 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 4563827 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

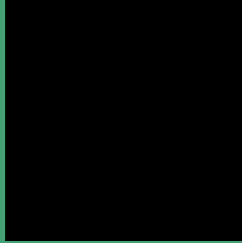
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4563827 Background



This preview shows how black text looks on a background with the Decimal color 4563827.



This preview shows how white text looks on a background with the Decimal color 4563827.

# 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**  
4563827



**Protanomaly**  
8165486



**Deuteranomaly**  
8688758



**Tritanomaly**  
5218197

# Monochromacy



**Original Color**  
4563827



**Achromatopsia**  
8487297



**Achromatomaly**  
7048572

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4563827 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 #45A373 looks like.

```
.text, #text, p{  
    color:#45A373  
}
```

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 #45A373 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A373
}
```

## Border

The CSS property to change the border of an element to Decimal 4563827 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
#45A373 }
```

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

```
.border{ border-color:#45A373 }
```

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

Here you see how a box with a 4 pixel #45A373 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A373; -webkit-box-shadow:4px 4px  
4px 4px #45A373; box-shadow:4px 4px 4px  
4px #45A373 }
```

# Background

The CSS property to change the background color of an element to Decimal 4563827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A373 }
```

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

```
.background{ background-color:#45A373 }
```

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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