

# Converting Colors

Decimal(4366696)

Have a look what the booklet for  
Decimal(4366696) contains.

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# Color

**Decimal(4366696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42A168
RGB	66, 161, 104
RGB Percent	26%, 63%, 41%
CMY	0.7412, 0.3686, 0.5922
CMYK	0.59, 0.00, 0.35, 0.37
HSL	144°, 42%, 45%
HSV	144°, 59%, 63%
XYZ	17.4903, 27.6475, 17.5114
YIQ	126.0970, -38.3230, -37.8670

# Conversions

## Conversions Part 2

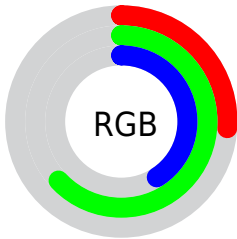
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 134, 161
Decimal	4366696
CIELab	59.57, -41.33, 21.53
CIELCh	60, 46.603, 152.487
Yxy	27.6475, 0.2792, 0.4413
Android (android.graphics.Color)	4282556776 (0xFF42A168)
YUV	126.0970, -10.8938, -52.7051
Hunter-Lab	52.5809, -32.6408, 17.0608

# Details

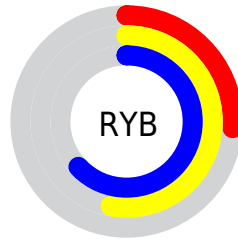
The Decimal color **4366696** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10568315**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **8051100**, and **27704** is the 20% darker color. If you saturate the color by 10%, you get **3318110**, and if you desaturate by 10%, it is **5415282**.

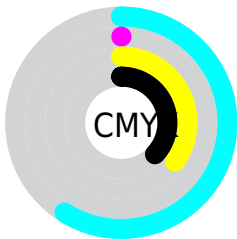
# Distribution



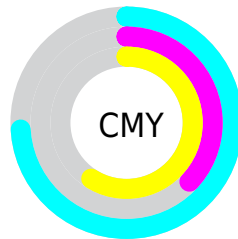
- Red (26%)
- Green (63%)
- Blue (41%)



- Red (26%)
- Yellow (53%)
- Blue (63%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (37%)



- Cyan (74%)
- Magenta (37%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4366696 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 4366696 by changing the saturation by 10% instead.





4366696



4366696

16777215



2328144



8051100



27704



9893303



21282



11730898



15116



13631471



9984



15597567



0



4366696



4366696



3318110



5415282



2269525



6463867

 1220939

 7512453


 172353

 8561039

 41280

 9675160

 10723746

 11772332

 12820917

 13869503

# Harmonies

## Analogous

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



8034887



4366696



42130

# Triad

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



4366696



4821985



14250598

# Complementary

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



4366696



10568315

# 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.



14314638



4366696



9929685

# Square

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



4366696



40663



12940470



12943431

# Rectangle

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



4366696



42158



12940470



14446194



# Sweetspot

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



4366696



11260347



8102210



5400923



15263976



6908265



# Same Dimension

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



4366696



4051320



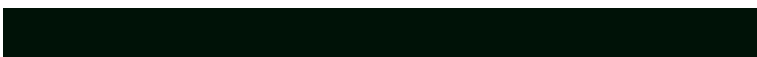
4366744



4805197



37178



4615



# Inverse Universe

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



10568315



13712790



10568268



5392718



9502807



1179659



# Previews

## White Background



This preview shows how the Decimal color 4366696 looks on a white background.

## Color Contrast Check

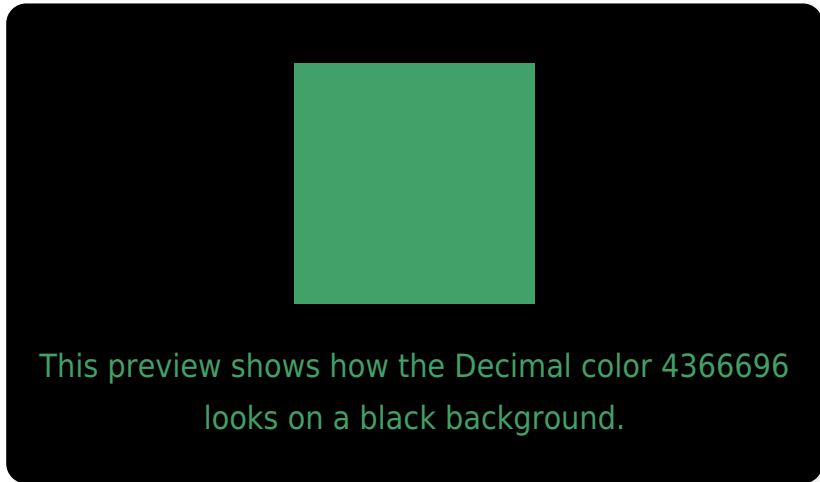
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 4366696 Background



This preview shows how black text looks on a background with the Decimal color 4366696.



This preview shows how white text looks on a background with the Decimal color 4366696.

# 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**  
4366696

**Protanopia**  
10128992

**Deuteranopia**  
10979693



**Tritanopia**  
5544358

# Trichromacy



**Original Color**

4366696



**Protanomaly**

8033635



**Deuteranomaly**

8557163



**Tritanomaly**

5086351

# Monochromacy



**Original Color**

4366696



**Achromatopsia**

8289918



**Achromatomaly**

6851446

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4366696 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 #42A168 looks like.

```
.text, #text, p{  
    color:#42A168  
}
```

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 #42A168 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42A168
}
```

## Border

The CSS property to change the border of an element to Decimal 4366696 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
#42A168 }
```

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

```
.border{ border-color:#42A168 }
```

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

Here you see how a box with a 4 pixel #42A168 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42A168; -webkit-box-shadow:4px 4px  
4px 4px #42A168; box-shadow:4px 4px 4px  
4px #42A168 }
```

# Background

The CSS property to change the background color of an element to Decimal 4366696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42A168 }
```

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

```
.background{ background-color:#42A168 }
```

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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