

# Converting Colors

Decimal(6005878)

Have a look what the booklet for  
Decimal(6005878) contains.

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# **Color**

**Decimal(6005878)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA476
RGB	91, 164, 118
RGB Percent	36%, 64%, 46%
CMY	0.6431, 0.3569, 0.5373
CMYK	0.45, 0.00, 0.28, 0.36
HSL	142°, 29%, 50%
HSV	142°, 45%, 64%
XYZ	20.8599, 30.0831, 21.8467
YIQ	136.9290, -28.7420, -29.7820

# Conversions

## Conversions Part 2

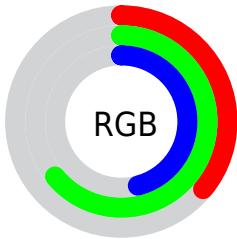
Format	Color
<a href="#">RYB</a>	<a href="#">91, 144, 164</a>
Decimal	<a href="#">6005878</a>
CIELab	<a href="#">61.73, -33.43, 16.92</a>
CIELCh	<a href="#">62, 37.468, 153.148</a>
Yxy	<a href="#">30.0831, 0.2866, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4284195958 (0xFF5BA476)</a>
YUV	<a href="#">136.9290, -9.3320, -40.2797</a>
Hunter-Lab	<a href="#">54.8480, -28.0968, 14.7776</a>

# Details

The Decimal color **6005878** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10771337**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **9558954**, and **2453573** is the 20% darker color. If you saturate the color by 10%, you get **4957292**, and if you desaturate by 10%, it is **7054464**.

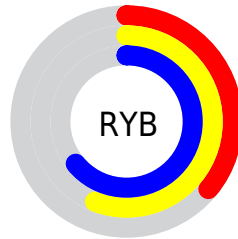
# Distribution



Red (36%)

Green (64%)

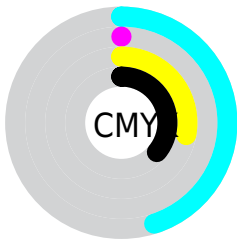
Blue (46%)



Red (36%)

Yellow (56%)

Blue (64%)

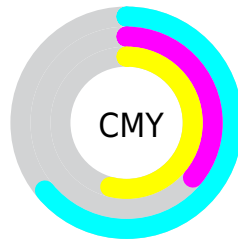


Cyan (45%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6005878 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 6005878 by changing the saturation by 10% instead.





6005878



6005878

16777215



4295005



9558954



2453573



11335878



22319



13172706



16153



15073278



10240



3072



0



6005878



6005878



4957292



7054464

 3843169

 8168587

 2794583

 9217173

 1680461

 10331295

 631874

 11379882

 42045

 12428468

 13542590

 14591177

 15705299

# Harmonies

## Analogous

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



8691292



6005878



2271128

# Triad

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



6005878



6854615



13860467

# Complementary

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



6005878



10771337

# 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.



13859731



6005878



10324941

# Square

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



6005878



1941712



12746932



12814683

# Rectangle

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



6005878



42670



12746932



13991037



# Sweetspot

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



6005878



12244677



9020507



5925728



15461355



7039851



# Same Dimension

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



6005878



6674063



6005914



4805196



37174



4615



# Inverse Universe

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



10771337



14050732



10771301



5392719



9502812



1179659



# Previews

## White Background



This preview shows how the Decimal color 6005878 looks on a white background.

## Color Contrast Check

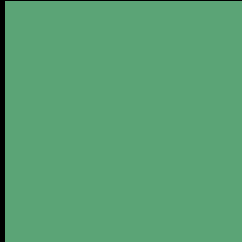
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 6005878 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

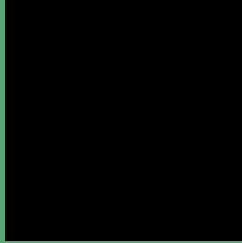
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6005878 Background



This preview shows how black text looks on a background with the Decimal color 6005878.



This preview shows how white text looks on a background with the Decimal color 6005878.

# 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**  
6790570

# Trichromacy



**Original Color**  
6005878

**Protanomaly**  
8821362

**Deuteranomaly**  
9410425

**Tritanomaly**  
6529175

# Monochromacy



**Original Color**  
6005878

**Achromatopsia**  
9013641

**Achromatomaly**  
7902082

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6005878 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 #5BA476 looks like.

```
.text, #text, p{  
    color:#5BA476  
}
```

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 #5BA476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA476  
}
```

## Border

The CSS property to change the border of an element to Decimal 6005878 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  
#5BA476 }
```

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

```
.border{ border-color:#5BA476 }
```

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

Here you see how a box with a 4 pixel #5BA476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA476; -webkit-box-shadow:4px 4px  
4px 4px #5BA476; box-shadow:4px 4px 4px  
4px #5BA476 }
```

# Background

The CSS property to change the background color of an element to Decimal 6005878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA476 }
```

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

```
.background{ background-color:#5BA476 }
```

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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