

Converting Colors

Decimal(6005880)

Have a look what the booklet for
Decimal(6005880) contains.

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Color

Decimal(6005880)

Conversions

Conversions Part 1

Format	Color
Hex	5BA478
RGB	91, 164, 120
RGB Percent	36%, 64%, 47%
CMY	0.6431, 0.3569, 0.5294
CMYK	0.45, 0.00, 0.27, 0.36
HSL	144°, 29%, 50%
HSV	144°, 45%, 64%
XYZ	20.9800, 30.1311, 22.4794
YIQ	137.1570, -29.3840, -29.1600

Conversions

Conversions Part 2

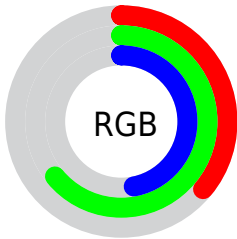
Format	Color
RYB	91, 143, 164
Decimal	6005880
CIELab	61.77, -33.03, 15.88
CIElCh	62, 36.645, 154.328
Yxy	30.1311, 0.2851, 0.4094
Android (android.graphics.Color)	4284195960 (0xFF5BA478)
YUV	137.1570, -8.4584, -40.4797
Hunter-Lab	54.8918, -27.8369, 14.1437

Details

The Decimal color **6005880** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **10771335**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **9558956**, and **2453575** is the 20% darker color. If you saturate the color by 10%, you get **4957294**, and if you desaturate by 10%, it is **7054466**.

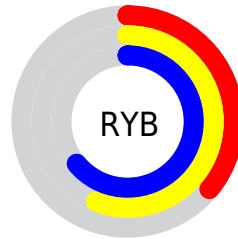
Distribution



Red (36%)

Green (64%)

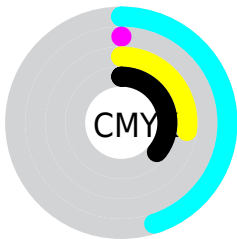
Blue (47%)



Red (36%)

Yellow (56%)

Blue (64%)

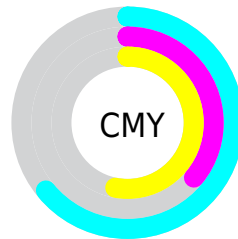


Cyan (45%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6005880 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 6005880 by changing the saturation by 10% instead.

6005880

6005880

16777215

4295007

9558956

2453575

11335880

22321

13172708

16155

15073279

10242

3072

0

6005880

6005880

4957294

7054466

■ 3843172

■ 8168588

■ 2794586

■ 9217174

■ 1680464

■ 10331296

■ 631879

■ 11379881

■ 42049

■ 12428467

■ 13542589

■ 14591175

■ 15705297

Harmonies

Analogous

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



8625758



6005880



2533017

Triad

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



6005880



7116758



13729650

Complementary

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



6005880



10771335

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.



13859730



6005880



10456011

Square

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



6005880



2728143



12746930



12683867

Rectangle

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



6005880



42671



12746930



13925756

Sweetspot

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



6005880



12244677



8954971



5925729



15461355



7039851

Same Dimension

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



6005880



6674066



6005915



4805197



37178



4615

Inverse Universe

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



10771335



14050729



10771300



5392718



9502808



1179659

Previews

White Background



This preview shows how the Decimal color 6005880 looks on a white background.

Color Contrast Check

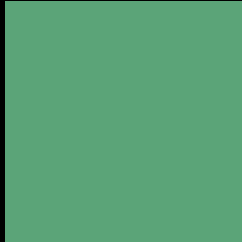
Large Text (above 18pt) WCAG AA × Fail

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 6005880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

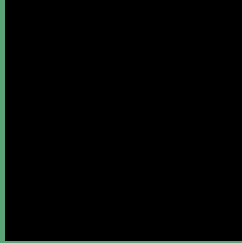
Any Text WCAG AA ✓ Pass

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 6005880 Background



This preview shows how black text looks on a background with the Decimal color 6005880.



This preview shows how white text looks on a background with the Decimal color 6005880.

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
6005880

Protanopia
10458225

Deuteranopia
11243389



Tritanopia
6790570

Trichromacy



Original Color
6005880



Protanomaly
8821364



Deuteranomaly
9344891



Tritanomaly
6529176

Monochromacy



Original Color
6005880



Achromatopsia
9013641



Achromatomaly
7902083

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6005880 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 #5BA478 looks like.

```
.text, #text, p{  
    color:#5BA478  
}
```

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 #5BA478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BA478
}
```

Border

The CSS property to change the border of an element to Decimal 6005880 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
#5BA478 }
```

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

```
.border{ border-color:#5BA478 }
```

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

Here you see how a box with a 4 pixel #5BA478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BA478; -webkit-box-shadow:4px 4px  
4px 4px #5BA478; box-shadow:4px 4px 4px  
4px #5BA478 }
```

Background

The CSS property to change the background color of an element to Decimal 6005880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BA478 }
```

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

```
.background{ background-color:#5BA478 }
```

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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