

Converting Colors

Decimal(6211685)

Have a look what the booklet for
Decimal(6211685) contains.

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Color

Decimal(6211685)

Conversions

Conversions Part 1

Format	Color
Hex	5EC865
RGB	94, 200, 101
RGB Percent	37%, 78%, 40%
CMY	0.6314, 0.2157, 0.6039
CMYK	0.53, 0.00, 0.50, 0.22
HSL	124°, 49%, 58%
HSV	124°, 53%, 78%
XYZ	27.6193, 44.6278, 19.4703
YIQ	157.0200, -31.3970, -53.2610

Conversions

Conversions Part 2

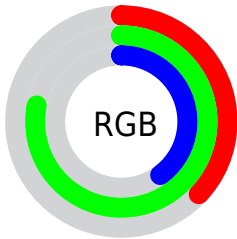
Format	Color
RYB	94, 193, 200
Decimal	6211685
CIELab	72.65, -50.92, 40.16
CIELCh	73, 64.850, 141.735
Yxy	44.6278, 0.3011, 0.4866
Android (android.graphics.Color)	4284401765 (0xFF5EC865)
YUV	157.0200, -27.6179, -55.2685
Hunter-Lab	66.8041, -43.1084, 29.4826

Details

The Decimal color **6211685** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted spring green. A complement of this color would be **13131457**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **10026906**, and **1806643** is the 20% darker color. If you saturate the color by 10%, you get **4900946**, and if you desaturate by 10%, it is **7522424**.

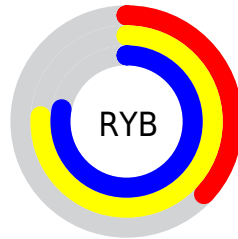
Distribution



Red (37%)

Green (78%)

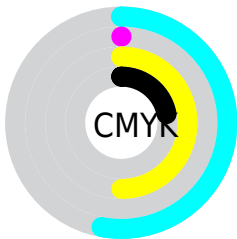
Blue (40%)



Red (37%)

Yellow (76%)

Blue (78%)

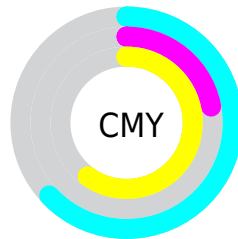


Cyan (53%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (63%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6211685 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 6211685 by changing the saturation by 10% instead.



6211685



6211685

16777215



4238412



10026906



1806643



11927477



30489



13828049



23808



15794158



17408



11776



4352



0



6211685



6211685

■ 4900946

■ 7522424

■ 3590208

■ 8833162

■ 2279469

■ 10143901

■ 968730

■ 11454640

■ 51213

■ 12765378

■ 14076117

■ 15386856

■ 16697594

■ 16763135

Harmonies

Analogous

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



11058234



6211685



52895

Triad

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



6211685



48895



16744330

Complementary

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



6211685



13131457

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.



16743877



6211685



9939455

Square

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



6211685



51967



15372540



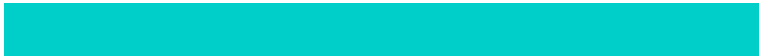
16749142

Rectangle

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



6211685



53193



15372540



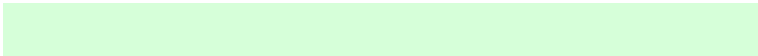
16743581

Sweetspot

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



6211685



14090201



12830814



6783081



0



8421504

Same Dimension

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



6211685



6094695



6211736



5923674



41739



9218

Inverse Universe

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



13131457



16735476



13131406



6511203



10682520



2359329

Previews

White Background



This preview shows how the Decimal color 6211685 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 6211685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

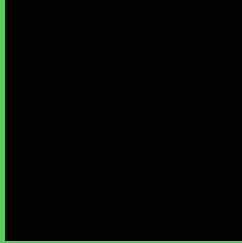
Any Text WCAG AA ✓ Pass

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 6211685 Background



This preview shows how black text looks on a background with the Decimal color 6211685.



This preview shows how white text looks on a background with the Decimal color 6211685.

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](#).

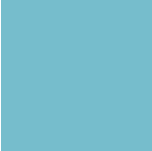
Dichromacy



Original Color
6211685

Protanopia
12824925

Deuteranopia
14068077



Tritanopia
7781836

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6211685 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 #5EC865 looks like.

```
.text, #text, p{  
  color:#5EC865  
}
```

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 #5EC865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC865
}
```

Border

The CSS property to change the border of an element to Decimal 6211685 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
#5EC865 }
```

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

```
.border{ border-color:#5EC865 }
```

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

Here you see how a box with a 4 pixel #5EC865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC865; -webkit-box-shadow:4px 4px  
4px 4px #5EC865; box-shadow:4px 4px 4px  
4px #5EC865 }
```

Background

The CSS property to change the background color of an element to Decimal 6211685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC865 }
```

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

```
.background{ background-color:#5EC865 }
```

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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