

Converting Colors

Decimal(5687153)

Have a look what the booklet for
Decimal(5687153) contains.

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Color

Decimal(5687153)

Conversions

Conversions Part 1

Format	Color
Hex	56C771
RGB	86, 199, 113
RGB Percent	34%, 78%, 44%
CMY	0.6627, 0.2196, 0.5569
CMYK	0.57, 0.00, 0.43, 0.22
HSL	134°, 50%, 56%
HSV	134°, 57%, 78%
XYZ	27.2418, 44.0175, 22.6832
YIQ	155.4090, -39.7420, -50.7020

Conversions

Conversions Part 2

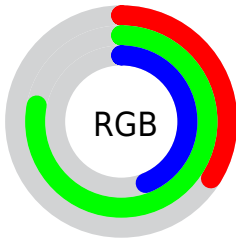
Format	Color
RYB	86, 177, 199
Decimal	5687153
CIELab	72.24, -50.68, 33.58
CIELCh	72, 60.796, 146.477
Yxy	44.0175, 0.2900, 0.4686
Android (android.graphics.Color)	4283877233 (0xFF56C771)
YUV	155.4090, -20.9076, -60.8717
Hunter-Lab	66.3457, -42.8122, 26.1711

Details

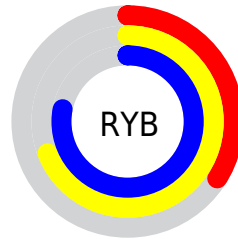
The Decimal color **5687153** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **13063852**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9502630**, and **495679** is the 20% darker color. If you saturate the color by 10%, you get **4376418**, and if you desaturate by 10%, it is **6997888**.

Distribution



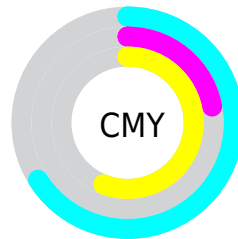
- Red (34%)
- Green (78%)
- Blue (44%)



- Red (34%)
- Yellow (69%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5687153 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 5687153 by changing the saturation by 10% instead.

 5687153

 5687153

16777215

 3648344

 9502630

 495679

 11403201

 30247

 13369309

 23566

 15269882

 17152

 11520

 3840

 0

 5687153

 5687153

■ 4376418

■ 6997888

■ 3065683

■ 8308623

■ 1754948

■ 9619358

■ 444212

■ 10930094

■ 50992

■ 12240829

■ 13486028

■ 14796763

■ 16107498

■ 16762873

Harmonies

Analogous

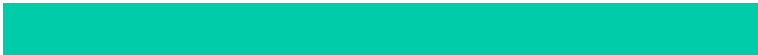
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10468679



5687153



52393

Triad

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



5687153



47615



16745603

Complementary

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



5687153



13063852

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.



16744634



5687153



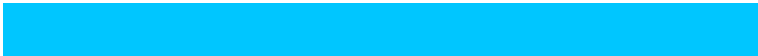
11052543

Square

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



5687153



50943



15699695



16750421

Rectangle

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



5687153



52431



15699695



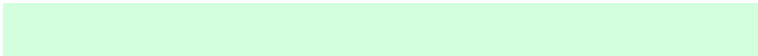
16744853

Sweetspot

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



5687153



13959134



11388758



6717548



0



8421504

Same Dimension

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



5687153



5439355



5687209



5923676



41767



9225

Inverse Universe

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



13063852



16732886



13063796



6511201



10682492



2359323

Previews

White Background



This preview shows how the Decimal color 5687153 looks on a white background.

Color Contrast Check

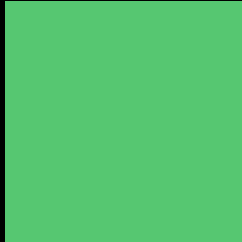
Large Text (above 18pt) WCAG AA × Fail

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 5687153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

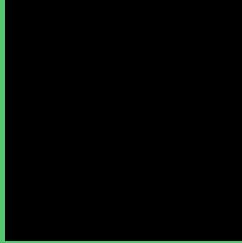
Any Text WCAG AA ✓ Pass

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 5687153 Background



This preview shows how black text looks on a background with the Decimal color 5687153.



This preview shows how white text looks on a background with the Decimal color 5687153.

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



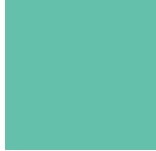
Original Color
5687153



Protanomaly
10074219



Deuteranomaly
10859381



Tritanomaly
6668459

Monochromacy



Original Color
5687153



Achromatopsia
10197915



Achromatomaly
8563596

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5687153 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 #56C771 looks like.

```
.text, #text, p{  
    color:#56C771  
}
```

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 #56C771 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C771  
}
```

Border

The CSS property to change the border of an element to Decimal 5687153 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  
#56C771 }
```

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

```
.border{ border-color:#56C771 }
```

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

Here you see how a box with a 4 pixel #56C771 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C771; -webkit-box-shadow:4px 4px  
4px 4px #56C771; box-shadow:4px 4px 4px  
4px #56C771 }
```

Background

The CSS property to change the background color of an element to Decimal 5687153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C771 }
```

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

```
.background{ background-color:#56C771 }
```

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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