

Converting Colors

Decimal(5555030)

Have a look what the booklet for
Decimal(5555030) contains.

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Color

Decimal(5555030)

Conversions

Conversions Part 1

Format	Color
Hex	54C356
RGB	84, 195, 86
RGB Percent	33%, 76%, 34%
CMY	0.6706, 0.2353, 0.6627
CMYK	0.57, 0.00, 0.56, 0.24
HSL	121°, 48%, 55%
HSV	121°, 57%, 76%
XYZ	24.8510, 41.5869, 15.5214
YIQ	149.3850, -31.1670, -57.4310

Conversions

Conversions Part 2

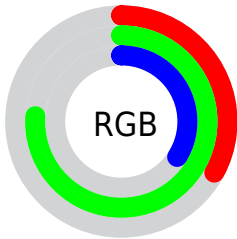
Format	Color
RYB	84, 193, 195
Decimal	5555030
CIELab	70.59, -53.49, 44.81
CIELCh	71, 69.778, 140.048
Yxy	41.5869, 0.3032, 0.5074
Android (android.graphics.Color)	4283745110 (0xFF54C356)
YUV	149.3850, -31.2488, -57.3426
Hunter-Lab	64.4879, -44.0673, 30.8712

Details

The Decimal color **5555030** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **12801217**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **9436298**, and **35874** is the 20% darker color. If you saturate the color by 10%, you get **4309827**, and if you desaturate by 10%, it is **6865769**.

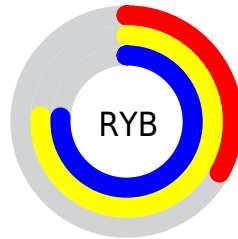
Distribution



Red (33%)

Green (76%)

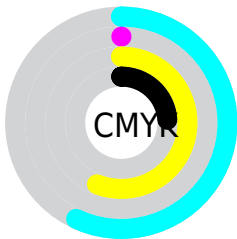
Blue (34%)



Red (33%)

Yellow (76%)

Blue (76%)

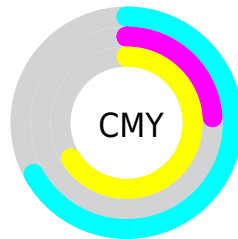


Cyan (57%)

Magenta (0%)

Yellow (56%)

Black (24%)



Cyan (67%)

Magenta (24%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5555030 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 5555030 by changing the saturation by 10% instead.

 5555030

 5555030

16777215

 3450684

 9436298

 35874

 11337638

 29185

 13238209

 22528

 15204318

 16384

 16777211

 10496

 1024

 0

 5555030

 5555030

■ 4309827

■ 6865769

■ 2999088

■ 8110972

■ 1688349

■ 9421711

■ 443145

■ 10666915

■ 49924

■ 11977654

■ 13222857

■ 14468060

■ 15778799

■ 16761855

Harmonies

Analogous

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



10794532



5555030



51605

Triad

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



5555030



47871



16740997

Complementary

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



555030



12801217

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.



16741061



5555030



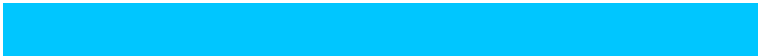
8693247

Square

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



5555030



50943



14977535



16746572

Rectangle

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



5555030



52161



14977535



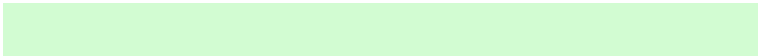
16740250

Sweetspot

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



5555030



13827282



12698452



6717542



0



8421504

Same Dimension

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



5555030



5373012



5555085



5726551



41219



8449

Inverse Universe

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



12801217



16536057



12801162



6379361



10551454



2162721

Previews

White Background



This preview shows how the Decimal color 5555030 looks on a white background.

Color Contrast Check

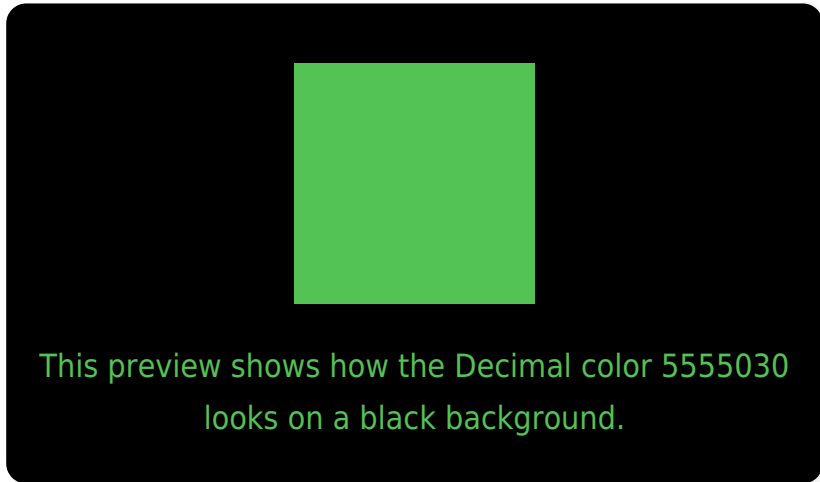
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

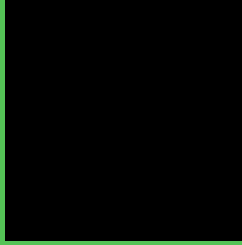
Any Text WCAG AA ✓ Pass

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 5555030 Background



This preview shows how black text looks on a background with the Decimal color 5555030.

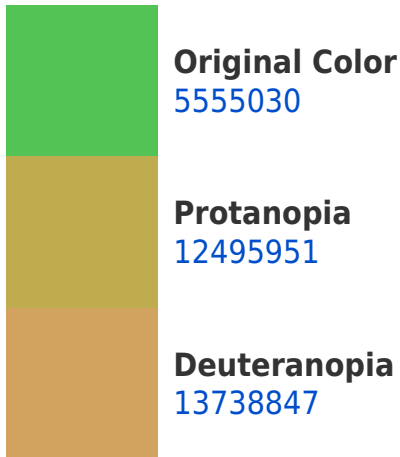


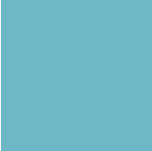
This preview shows how white text looks on a background with the Decimal color 5555030.

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
7256006

Trichromacy



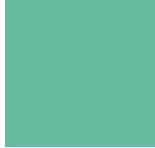
Original Color
5555030



Protanomaly
9942098



Deuteranomaly
10792796



Tritanomaly
6667165

Monochromacy



Original Color
5555030



Achromatopsia
9803157



Achromatomaly
8234622

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5555030 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 #54C356 looks like.

```
.text, #text, p{  
    color:#54C356  
}
```

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 #54C356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54C356
}
```

Border

The CSS property to change the border of an element to Decimal 5555030 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
#54C356 }
```

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

```
.border{ border-color:#54C356 }
```

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

Here you see how a box with a 4 pixel #54C356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54C356; -webkit-box-shadow:4px 4px  
4px 4px #54C356; box-shadow:4px 4px 4px  
4px #54C356 }
```

Background

The CSS property to change the background color of an element to Decimal 5555030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54C356 }
```

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

```
.background{ background-color:#54C356 }
```

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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