

Converting Colors

Decimal(5953633)

Have a look what the booklet for
Decimal(5953633) contains.

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Color

Decimal(5953633)

Conversions

Conversions Part 1

Format	Color
Hex	5AD861
RGB	90, 216, 97
RGB Percent	35%, 85%, 38%
CMY	0.6471, 0.1529, 0.6196
CMYK	0.58, 0.00, 0.55, 0.15
HSL	123°, 62%, 60%
HSV	123°, 58%, 85%
XYZ	30.9300, 52.1485, 19.7447
YIQ	164.7600, -36.8970, -63.7210

Conversions

Conversions Part 2

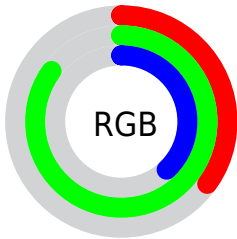
Format	Color
RYB	90, 209, 216
Decimal	5953633
CIELab	77.37, -58.54, 47.78
CIELCh	77, 75.563, 140.780
Yxy	52.1485, 0.3008, 0.5072
Android (android.graphics.Color)	4284143713 (0xFF5AD861)
YUV	164.7600, -33.4057, -65.5645
Hunter-Lab	72.2139, -49.9208, 34.3386

Details

The Decimal color **5953633** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14179025**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9895830**, and **41005** is the 20% darker color. If you saturate the color by 10%, you get **4511821**, and if you desaturate by 10%, it is **7395445**.

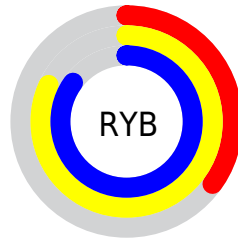
Distribution



Red (35%)

Green (85%)

Blue (38%)



Red (35%)

Yellow (82%)

Blue (85%)

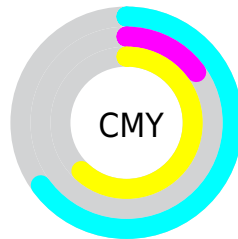


Cyan (58%)

Magenta (0%)

Yellow (55%)

Black (15%)



Cyan (65%)

Magenta (15%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5953633 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 5953633 by changing the saturation by 10% instead.

■ 5953633

■ 5953633

16777215

■ 3718215

■ 9895830

■ 41005

■ 11861938

■ 34062

■ 13828046

■ 27392

■ 15794155

■ 20736

■ 14592

■ 8448

■ 0

■ 5953633

■ 5953633

■ 4511821

■ 7395445

■ 3135544

■ 8771722

■ 1693732

■ 10213534

■ 317455

■ 11589811

■ 55308

■ 13031623

■ 14473435

■ 15849712

■ 16767231

Harmonies

Analogous

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



11848233



5953633



57254

Triad

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



5953633



52991



16744338

Complementary

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



5953633



14179025

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.



16744152



5953633



9877247

Square

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



5953633



56319



16685055



16750675

Rectangle

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



5953633



57559



16685055



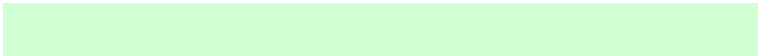
16743337

Sweetspot

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



5953633



13762516



13817946



6520933



0



8421504

Same Dimension

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



5953633



5111638



5953695



6318945



43785



11010

Inverse Universe

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



14179025



16731637



14178963



7037035



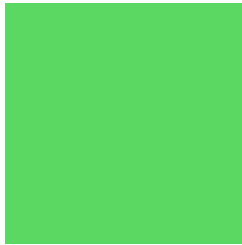
11206817



2818089

Previews

White Background



This preview shows how the Decimal color 5953633 looks on a white background.

Color Contrast Check

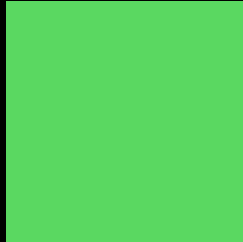
Large Text (above 18pt) WCAG AA × Fail

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 5953633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

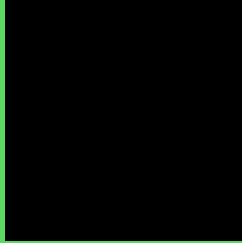
Any Text WCAG AA ✓ Pass

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 5953633 Background



This preview shows how black text looks on a background with the Decimal color 5953633.

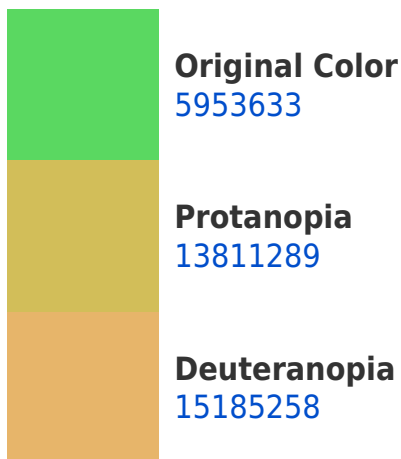


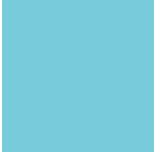
This preview shows how white text looks on a background with the Decimal color 5953633.

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
7916507

Trichromacy



Original Color
5953633



Protanomaly
10930012



Deuteranomaly
11846247



Tritanomaly
7196847

Monochromacy



Original Color
5953633



Achromatopsia
10855845



Achromatomaly
9091212

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5953633 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 #5AD861 looks like.

```
.text, #text, p{  
    color:#5AD861  
}
```

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 #5AD861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD861
}
```

Border

The CSS property to change the border of an element to Decimal 5953633 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
#5AD861 }
```

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

```
.border{ border-color:#5AD861 }
```

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

Here you see how a box with a 4 pixel #5AD861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD861; -webkit-box-shadow:4px 4px  
4px 4px #5AD861; box-shadow:4px 4px 4px  
4px #5AD861 }
```

Background

The CSS property to change the background color of an element to Decimal 5953633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD861 }
```

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

```
.background{ background-color:#5AD861 }
```

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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