

Converting Colors

Decimal(5953150)

Have a look what the booklet for
Decimal(5953150) contains.

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Color

Decimal(5953150)

Conversions

Conversions Part 1

Format	Color
Hex	5AD67E
RGB	90, 214, 126
RGB Percent	35%, 84%, 49%
CMY	0.6471, 0.1608, 0.5059
CMYK	0.58, 0.00, 0.41, 0.16
HSL	137°, 60%, 60%
HSV	137°, 58%, 84%
XYZ	32.0289, 51.7732, 28.0438
YIQ	166.8920, -45.6560, -53.6560

Conversions

Conversions Part 2

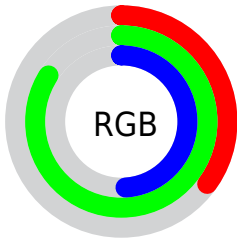
Format	Color
RYB	90, 186, 214
Decimal	5953150
CIELab	77.14, -53.55, 33.35
CIELCh	77, 63.081, 148.088
Yxy	51.7732, 0.2864, 0.4629
Android (android.graphics.Color)	4284143230 (0xFF5AD67E)
YUV	166.8920, -20.1598, -67.4343
Hunter-Lab	71.9536, -46.4625, 27.2593

Details

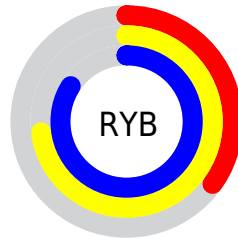
The Decimal color **5953150** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **14047922**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9895860**, and **499275** is the 20% darker color. If you saturate the color by 10%, you get **4576879**, and if you desaturate by 10%, it is **7329421**.

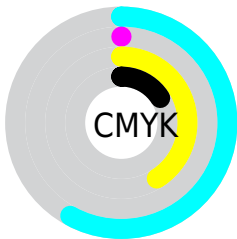
Distribution



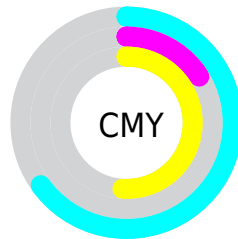
- Red (35%)
- Green (84%)
- Blue (49%)



- Red (35%)
- Yellow (73%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (41%)
- Black (16%)



- Cyan (65%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5953150 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 5953150 by changing the saturation by 10% instead.

■ 5953150

■ 5953150

16777215

■ 3783268

■ 9895860

■ 499275

■ 11796431

■ 33587

■ 13762540

■ 26907

■ 15728639

■ 20481

■ 14336

■ 8448

■ 0

■ 5953150

■ 5953150

 4576879


 7329421

 3135072

 8771228

 1758800

 10147500

 316993

 11589307

 54846

 12965578

 14341849

 15783656

 16766711

 16766719

Harmonies

Analogous

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



11062097



5953150



56249

Triad

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



5953150



2148095



16748683

Complementary

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



5953150



14047922

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.



16747461



5953150



12235263

Square

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



5953150



54527



16751101



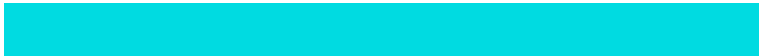
16753755

Rectangle

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



5953150



56289



16751101



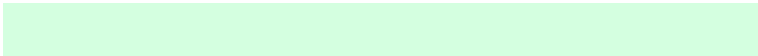
16747677

Sweetspot

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



5953150



13959136



11785818



6717549



0



8421504

Same Dimension

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



5953150



5111680



5953211



6318947



43826



11021

Inverse Universe

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



14047922



16731595



14047861



7037032



11206777



2818079

Previews

White Background



This preview shows how the Decimal color 5953150 looks on a white background.

Color Contrast Check

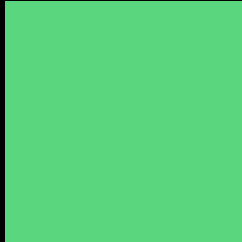
Large Text (above 18pt) WCAG AA × Fail

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 5953150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

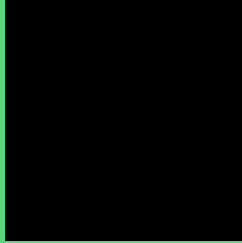
Any Text WCAG AA ✓ Pass

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 5953150 Background



This preview shows how black text looks on a background with the Decimal color 5953150.

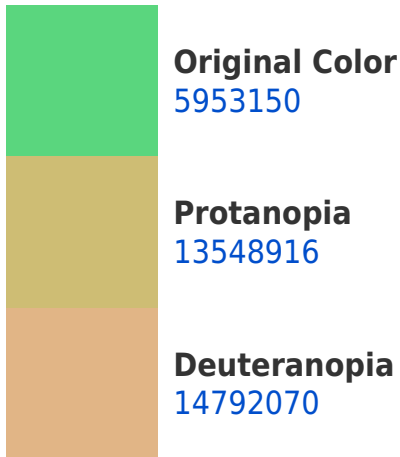


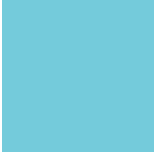
This preview shows how white text looks on a background with the Decimal color 5953150.

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
7654363

Trichromacy



Original Color
5953150



Protanomaly
10798712



Deuteranomaly
11583875



Tritanomaly
7065529

Monochromacy



Original Color
5953150



Achromatopsia
10987431



Achromatomaly
9156760

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5953150 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 #5AD67E looks like.

```
.text, #text, p{  
    color:#5AD67E  
}
```

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 #5AD67E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD67E
}
```

Border

The CSS property to change the border of an element to Decimal 5953150 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
#5AD67E }
```

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

```
.border{ border-color:#5AD67E }
```

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

Here you see how a box with a 4 pixel #5AD67E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD67E; -webkit-box-shadow:4px 4px  
4px 4px #5AD67E; box-shadow:4px 4px 4px  
4px #5AD67E }
```

Background

The CSS property to change the background color of an element to Decimal 5953150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD67E }
```

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

```
.background{ background-color:#5AD67E }
```

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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