

Converting Colors

Decimal(6149544)

Have a look what the booklet for
Decimal(6149544) contains.

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Color

Decimal(6149544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DD5A8 |
| RGB | 93, 213, 168 |
| RGB Percent | 36%, 84%, 66% |
| CMY | 0.6353, 0.1647, 0.3412 |
| CMYK | 0.56, 0.00, 0.21, 0.16 |
| HSL | 158°, 59%, 60% |
| HSV | 158°, 56%, 84% |
| XYZ | 35.3763, 52.7428, 45.3616 |
| YIQ | 171.9900, -57.0750, -39.4350 |

Conversions

Conversions Part 2

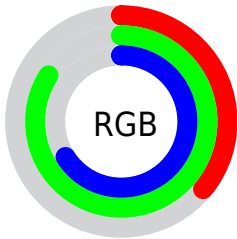
| Format | Color |
|-------------------------------------|---|
| RYB | 93, 167, 213 |
| Decimal | 6149544 |
| CIELab | 77.72, -44.32, 12.22 |
| CIELCh | 78, 45.969, 164.586 |
| Yxy | 52.7428, 0.2650, 0.3951 |
| Android (android.graphics.Color) | 4284339624 (0xFF5DD5A8) |
| YUV | 171.9900, -1.9671, -69.2742 |
| Hunter-Lab | 72.6242, -40.1425, 13.8040 |

Details

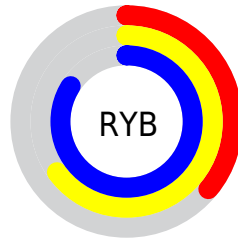
The Decimal color **6149544** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13983114**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **10026975**, and **1285492** is the 20% darker color. If you saturate the color by 10%, you get **4773280**, and if you desaturate by 10%, it is **7525808**.

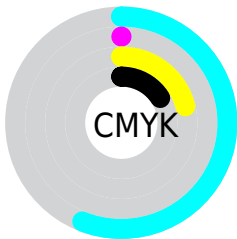
Distribution



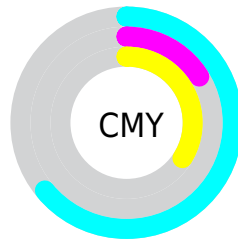
- Red (36%)
- Green (84%)
- Blue (66%)



- Red (36%)
- Yellow (65%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6149544 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 6149544 by changing the saturation by 10% instead.



6149544



6149544

16777215



4045198



10026975



1285492



11927548



33627



13893631



26948



15859711



20525



14360



8704



0



6149544



6149544

4773280

7525808

3331480

8967608

1955216

10343872

578952

11720136

54661

13161936

14538200

15914464

16766440

16766448

Harmonies

Analogous

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



9949058



6149544



55252

Triad

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



6149544



10665471



16754566

Complementary

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



6149544



13983114

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.



16752301



6149544



14659069

Square

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



6149544



5229567



16753112



15644270

Rectangle

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



6149544



54767



16753112



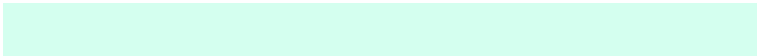
16753554

Sweetspot

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



6149544



13959151



9164125



6717558



0



8421504

Same Dimension

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



6149544



5439422



6146005



6318951



43883



11035

Inverse Universe

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



13983114



16732819



13986653



7037028



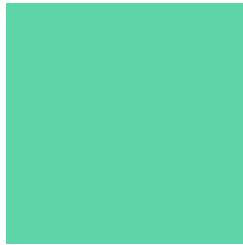
11206720



2818064

Previews

White Background



This preview shows how the Decimal color 6149544 looks on a white background.

Color Contrast Check

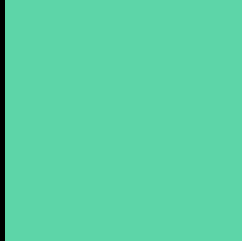
Large Text (above 18pt) WCAG AA × Fail

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 6149544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

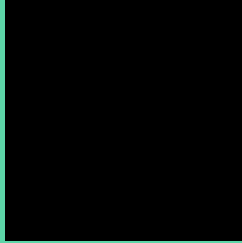
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

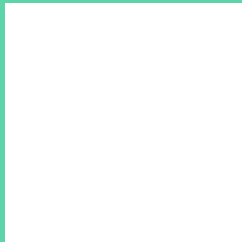
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6149544 Background



This preview shows how black text looks on a background with the Decimal color 6149544.



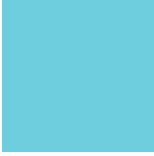
This preview shows how white text looks on a background with the Decimal color 6149544.

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



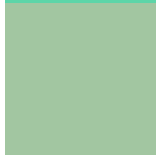


Tritanopia
7261918

Trichromacy



Original Color
6149544



Protanomaly
10667681



Deuteranomaly
11256748

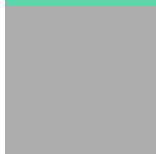


Tritanomaly
6869450

Monochromacy



Original Color
6149544



Achromatopsia
11316396



Achromatomaly
9419691

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6149544 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 #5DD5A8 looks like.

```
.text, #text, p{  
    color:#5DD5A8  
}
```

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 #5DD5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD5A8
}
```

Border

The CSS property to change the border of an element to Decimal 6149544 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
#5DD5A8 }
```

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

```
.border{ border-color:#5DD5A8 }
```

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

Here you see how a box with a 4 pixel #5DD5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD5A8; -webkit-box-shadow:4px 4px  
4px 4px #5DD5A8; box-shadow:4px 4px 4px  
4px #5DD5A8 }
```

Background

The CSS property to change the background color of an element to Decimal 6149544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD5A8 }
```

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

```
.background{ background-color:#5DD5A8 }
```

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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