

Converting Colors

Decimal(6149529)

Have a look what the booklet for
Decimal(6149529) contains.

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Color

Decimal(6149529)

Conversions

Conversions Part 1

Format	Color
Hex	5DD599
RGB	93, 213, 153
RGB Percent	36%, 84%, 60%
CMY	0.6353, 0.1647, 0.4000
CMYK	0.56, 0.00, 0.28, 0.16
HSL	150°, 59%, 60%
HSV	150°, 56%, 84%
XYZ	34.0582, 52.2156, 38.4205
YIQ	170.2800, -52.2600, -44.1000

Conversions

Conversions Part 2

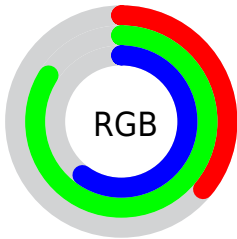
Format	Color
RYB	93, 173, 213
Decimal	6149529
CIELab	77.41, -47.49, 19.72
CIElCh	77, 51.421, 157.447
Yxy	52.2156, 0.2731, 0.4187
Android (android.graphics.Color)	4284339609 (0xFF5DD599)
YUV	170.2800, -8.5190, -67.7746
Hunter-Lab	72.2603, -42.3238, 19.0580

Details

The Decimal color **6149529** 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 **13983129**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **10026960**, and **1351014** is the 20% darker color. If you saturate the color by 10%, you get **4773262**, and if you desaturate by 10%, it is **7525796**.

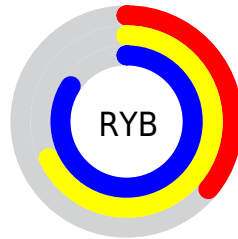
Distribution



Red (36%)

Green (84%)

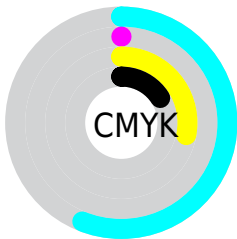
Blue (60%)



Red (36%)

Yellow (68%)

Blue (84%)

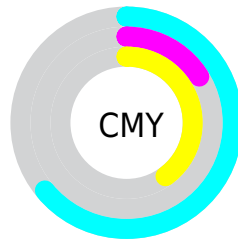


Cyan (56%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (64%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6149529 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 6149529 by changing the saturation by 10% instead.



6149529



6149529

16777215



4110719



10026960



1351014



11927532



33613



13893631



26934



15794175



20256



14090



8448



0



6149529



6149529

■ 4773262

■ 7525796

■ 3331460

■ 8967598

■ 1955193

■ 10343865

■ 578926

■ 11720132

■ 54635

■ 13161934

■ 14538201

■ 15914468

■ 16766446

■ 16766457

Harmonies

Analogous

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



10407281



6149529



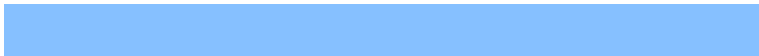
55498

Triad

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



6149529



8831231



16752776

Complementary

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



6149529



13983129

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.



16750773



6149529



13872895

Square

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



6149529



52991



16752357



16429159

Rectangle

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



6149529



55274



16752357



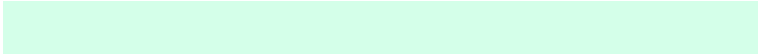
16751766

Sweetspot

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



6149529



13959145



10081629



6717555



0



8421504

Same Dimension

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



6149529



5439400



6149589



6318950



43861



11030

Inverse Universe

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



13983129



16732840



13983069



7037030



11206741



2818070

Previews

White Background



This preview shows how the Decimal color 6149529 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 6149529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

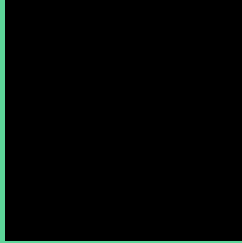
Any Text WCAG AA ✓ Pass

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 6149529 Background



This preview shows how black text looks on a background with the Decimal color 6149529.

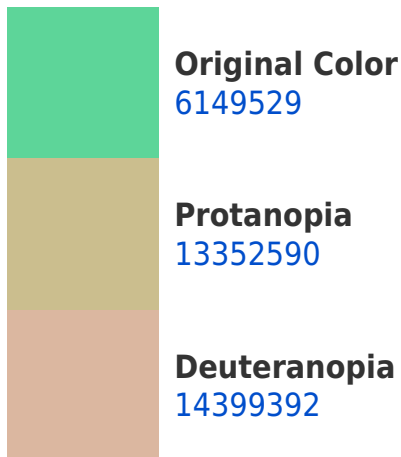


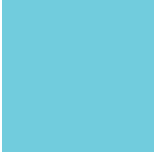
This preview shows how white text looks on a background with the Decimal color 6149529.

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





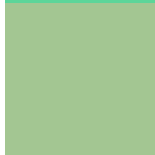
Tritanopia
7458013

Trichromacy



Original Color

6149529



Protanomaly

10733202



Deuteranomaly

11387549



Tritanomaly

7000004

Monochromacy



Original Color

6149529



Achromatopsia

11184810



Achromatomaly

9353892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6149529 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 #5DD599 looks like.

```
.text, #text, p{  
    color:#5DD599  
}
```

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 #5DD599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DD599
}
```

Border

The CSS property to change the border of an element to Decimal 6149529 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
#5DD599 }
```

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

```
.border{ border-color:#5DD599 }
```

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

Here you see how a box with a 4 pixel #5DD599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DD599; -webkit-box-shadow:4px 4px  
4px 4px #5DD599; box-shadow:4px 4px 4px  
4px #5DD599 }
```

Background

The CSS property to change the background color of an element to Decimal 6149529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DD599 }
```

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

```
.background{ background-color:#5DD599 }
```

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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