

Converting Colors

Decimal(6018195)

Have a look what the booklet for
Decimal(6018195) contains.

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Color

Decimal(6018195)

Conversions

Conversions Part 1

Format	Color
Hex	5BD493
RGB	91, 212, 147
RGB Percent	36%, 83%, 58%
CMY	0.6431, 0.1686, 0.4235
CMYK	0.57, 0.00, 0.31, 0.17
HSL	148°, 58%, 59%
HSV	148°, 57%, 83%
XYZ	33.1243, 51.4177, 35.7825
YIQ	168.4110, -51.2510, -45.8670

Conversions

Conversions Part 2

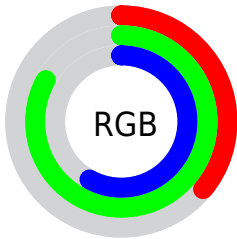
Format	Color
RYB	91, 174, 212
Decimal	6018195
CIELab	76.93, -48.70, 22.21
CIELCh	77, 53.528, 155.487
Yxy	51.4177, 0.2753, 0.4273
Android (android.graphics.Color)	4284208275 (0xFF5BD493)
YUV	168.4110, -10.5556, -67.8894
Hunter-Lab	71.7061, -43.0285, 20.6076

Details

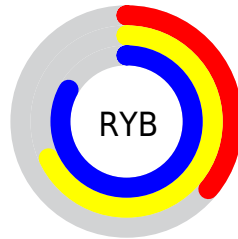
The Decimal color **6018195** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **13917084**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9895881**, and **1023072** is the 20% darker color. If you saturate the color by 10%, you get **4641928**, and if you desaturate by 10%, it is **7394462**.

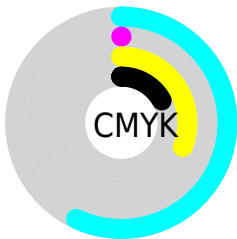
Distribution



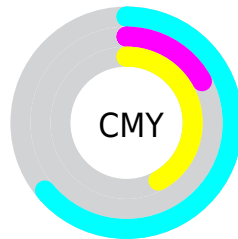
- Red (36%)
- Green (83%)
- Blue (58%)



- Red (36%)
- Yellow (68%)
- Blue (83%)



- Cyan (57%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)



- Cyan (64%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6018195 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 6018195 by changing the saturation by 10% instead.



6018195



6018195

16777215



3913849



9895881



1023072



11796453



33352



13762559



26673



15728639



20251



13827



8192



0



6018195



6018195

■ 4641928

■ 7394462

■ 3265660

■ 8770730

■ 1823857

■ 10212533

■ 447589

■ 11588801

■ 54370

■ 12965068

■ 14341335

■ 15717603

■ 16766190

■ 16766201

Harmonies

Analogous

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



10472554



6018195



55238

Triad

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



6018195



8044799



16751751

Complementary

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



6018195



13917084

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.



16749751



6018195



13544959

Square

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



6018195



52991



16751848



16559460

Rectangle

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



6018195



55271



16751848



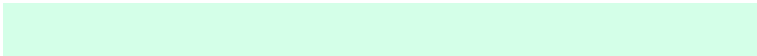
16750742

Sweetspot

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



6018195



13959144



10409051



6717554



0



8421504

Same Dimension

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



6018195



5439394



6018254



6318949



43855



11028

Inverse Universe

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



13917084



16732847



13917025



7037030



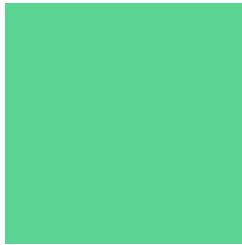
11206748



2818071

Previews

White Background



This preview shows how the Decimal color 6018195 looks on a white background.

Color Contrast Check

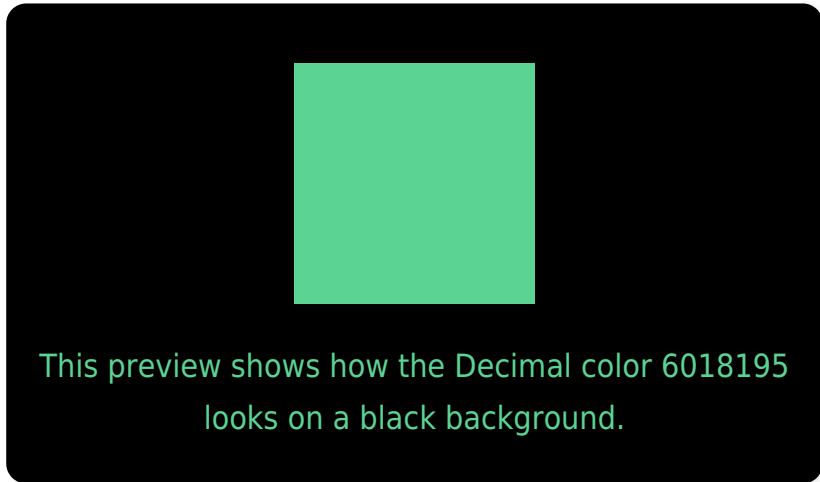
Large Text (above 18pt) WCAG AA × Fail

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

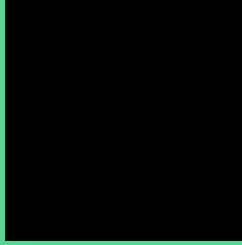
Any Text WCAG AA ✓ Pass

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 6018195 Background



This preview shows how black text looks on a background with the Decimal color 6018195.

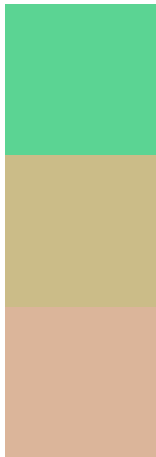


This preview shows how white text looks on a background with the Decimal color 6018195.

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](#).

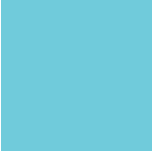
Dichromacy



Original Color
6018195

Protanopia
13352072

Deuteranopia
14398874



Tritanopia
7392219

Trichromacy



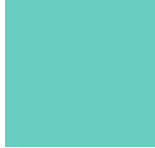
Original Color
6018195



Protanomaly
10667404



Deuteranomaly
11321495



Tritanomaly
6868673

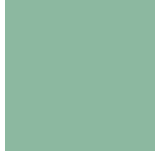
Monochromacy



Original Color
6018195



Achromatopsia
11053224



Achromatomaly
9222304

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6018195 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 #5BD493 looks like.

```
.text, #text, p{  
    color:#5BD493  
}
```

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 #5BD493 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD493
}
```

Border

The CSS property to change the border of an element to Decimal 6018195 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
#5BD493 }
```

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

```
.border{ border-color:#5BD493 }
```

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

Here you see how a box with a 4 pixel #5BD493 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD493; -webkit-box-shadow:4px 4px  
4px 4px #5BD493; box-shadow:4px 4px 4px  
4px #5BD493 }
```

Background

The CSS property to change the background color of an element to Decimal 6018195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD493 }
```

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

```
.background{ background-color:#5BD493 }
```

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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