

Converting Colors

Decimal(6016426)

Have a look what the booklet for
Decimal(6016426) contains.

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Color

Decimal(6016426)

Conversions

Conversions Part 1

Format	Color
Hex	5BCDAA
RGB	91, 205, 170
RGB Percent	36%, 80%, 67%
CMY	0.6431, 0.1961, 0.3333
CMYK	0.56, 0.00, 0.17, 0.20
HSL	162°, 53%, 58%
HSV	162°, 56%, 80%
XYZ	33.4014, 48.7891, 45.6870
YIQ	166.9240, -56.7090, -35.0530

Conversions

Conversions Part 2

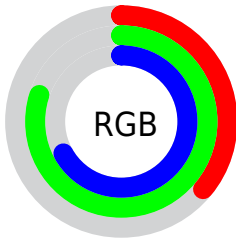
Format	Color
RYB	91, 158, 205
Decimal	6016426
CIELab	75.32, -40.78, 7.72
CIElCh	75, 41.504, 169.282
Yxy	48.7891, 0.2612, 0.3815
Android (android.graphics.Color)	4284206506 (0xFF5BCDAA)
YUV	166.9240, 1.5165, -66.5853
Hunter-Lab	69.8492, -36.8786, 10.1140

Details

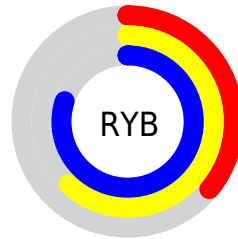
The Decimal color **6016426** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **13458302**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9830369**, and **1218166** is the 20% darker color. If you saturate the color by 10%, you get **4640164**, and if you desaturate by 10%, it is **7327152**.

Distribution



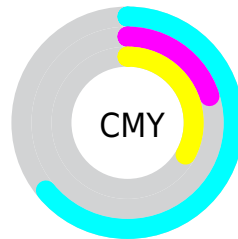
- Red (36%)
- Green (80%)
- Blue (67%)



- Red (36%)
- Yellow (62%)
- Blue (80%)



- Cyan (56%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (64%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6016426 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 6016426 by changing the saturation by 10% instead.

6016426

6016426

16777215

3977616

9830369

1218166

11796478

31837

13697023

25158

15663103

18735

12826

6912

0

6016426

6016426

4640164

7327152

3329437

8703415

1953175

10079677

642449

11390403

52622

12766665

14077392

15453654

16764380

16764387

Harmonies

Analogous

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



9357446



6016426



1363665

Triad

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



6016426



11187711



16360833

Complementary

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



6016426



13458302

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.



16751778



6016426



14460908

Square

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



6016426



6865407



16489929



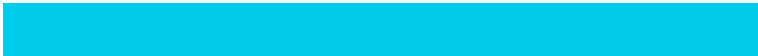
14660206

Rectangle

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



6016426



52457



16489929



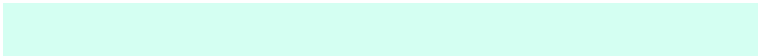
16753291

Sweetspot

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



6016426



13959154



8375643



6717560



0



8421504

Same Dimension

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



6016426



5570507



6011085



6055523



42611



9755

Inverse Universe

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



13458302



16733321



13463643



6708319



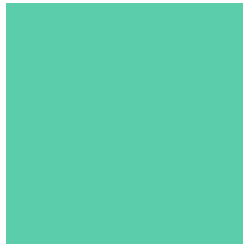
10879027



2490380

Previews

White Background



This preview shows how the Decimal color 6016426 looks on a white background.

Color Contrast Check

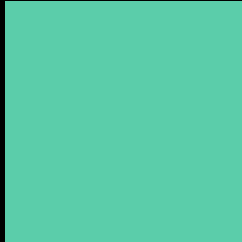
Large Text (above 18pt) WCAG AA × Fail

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 6016426 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

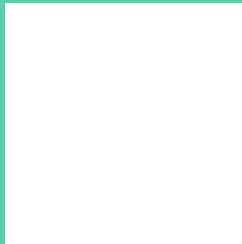
Any Text WCAG AAA ✓ Pass

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

Decimal 6016426 Background



This preview shows how black text looks on a background with the Decimal color 6016426.



This preview shows how white text looks on a background with the Decimal color 6016426.

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](#).

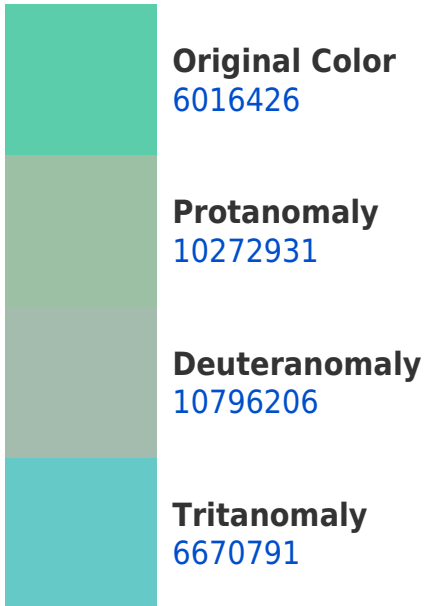
Dichromacy





Tritanopia
6997975

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6016426 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 #5BCDAA looks like.

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

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 #5BCDAA colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6016426 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
#5BCDAA }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6016426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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