

Converting Colors

Decimal(6010016)

Have a look what the booklet for
Decimal(6010016) contains.

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Color

Decimal(6010016)

Conversions

Conversions Part 1

Format	Color
Hex	5BB4A0
RGB	91, 180, 160
RGB Percent	36%, 71%, 63%
CMY	0.6431, 0.2941, 0.3725
CMYK	0.49, 0.00, 0.11, 0.29
HSL	167°, 37%, 53%
HSV	167°, 49%, 71%
XYZ	26.9808, 37.4047, 39.0555
YIQ	151.1090, -46.6240, -25.0880

Conversions

Conversions Part 2

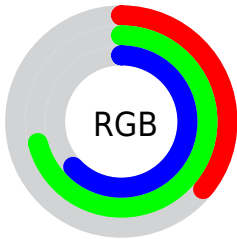
Format	Color
RYB	91, 141, 180
Decimal	6010016
CIELab	67.58, -31.65, 2.00
CIElCh	68, 31.714, 176.385
Yxy	37.4047, 0.2608, 0.3616
Android (android.graphics.Color)	4284200096 (0xFF5BB4A0)
YUV	151.1090, 4.3833, -52.7156
Hunter-Lab	61.1594, -28.2827, 4.9499

Details

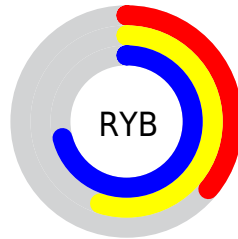
The Decimal color **6010016** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **11819887**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9694423**, and **1998701** is the 20% darker color. If you saturate the color by 10%, you get **4830364**, and if you desaturate by 10%, it is **7189668**.

Distribution



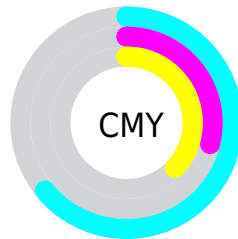
- Red (36%)
- Green (71%)
- Blue (63%)



- Red (36%)
- Yellow (55%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6010016 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 6010016 by changing the saturation by 10% instead.

6010016

6010016

16777215

4168070

9694423

1998701

11534323

25940

13434879

19773

15335423

13608

8723

0

6010016

6010016

4830364

7189668

■ 3650712

■ 8369320

■ 2471060

■ 9548972

■ 1291408

■ 10728624

■ 111756

■ 11908276

■ 46220

■ 13087928

■ 14267580

■ 15447232

■ 16626884

Harmonies

Analogous

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



8237444



6010016



4437181

Triad

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



6010016



10788568



13801590

Complementary

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



6010016



11819887

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.



14520717



6010016



13014469

Square

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



6010016



7973085



14258089



12362347

Rectangle

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



6010016



4698829



14258089



14128508

Sweetspot

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



6010016



13102051



7386203



6321521



16119285



7697781

Same Dimension

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



6010016



6351819



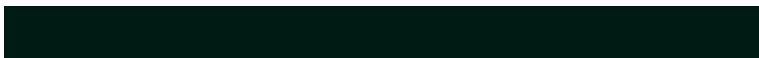
6003892



5265751



39287



6676

Inverse Universe

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



11819887



15425663



11826011



5853266



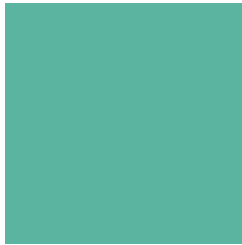
10027042



1703942

Previews

White Background



This preview shows how the Decimal color 6010016 looks on a white background.

Color Contrast Check

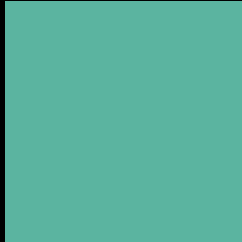
Large Text (above 18pt) WCAG AA × Fail

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 6010016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

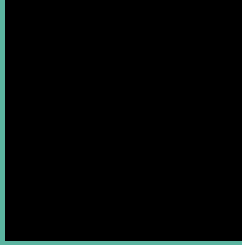
Any Text WCAG AA ✓ Pass

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 6010016 Background



This preview shows how black text looks on a background with the Decimal color 6010016.



This preview shows how white text looks on a background with the Decimal color 6010016.

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
6598846

Trichromacy



Original Color
6010016



Protanomaly
9283994



Deuteranomaly
9676451



Tritanomaly
6402483

Monochromacy



Original Color
6010016



Achromatopsia
9934743



Achromatomaly
8495770

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6010016 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 #5BB4A0 looks like.

```
.text, #text, p{  
    color:#5BB4A0  
}
```

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 #5BB4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB4A0
}
```

Border

The CSS property to change the border of an element to Decimal 6010016 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
#5BB4A0 }
```

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

```
.border{ border-color:#5BB4A0 }
```

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

Here you see how a box with a 4 pixel #5BB4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB4A0; -webkit-box-shadow:4px 4px  
4px 4px #5BB4A0; box-shadow:4px 4px 4px  
4px #5BB4A0 }
```

Background

The CSS property to change the background color of an element to Decimal 6010016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB4A0 }
```

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

```
.background{ background-color:#5BB4A0 }
```

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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