

Converting Colors

Decimal(4700315)

Have a look what the booklet for
Decimal(4700315) contains.

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Color

Decimal(4700315)

Conversions

Conversions Part 1

Format	Color
Hex	47B89B
RGB	71, 184, 155
RGB Percent	28%, 72%, 61%
CMY	0.7216, 0.2784, 0.3922
CMYK	0.61, 0.00, 0.16, 0.28
HSL	165°, 44%, 50%
HSV	165°, 61%, 72%
XYZ	25.6554, 37.9871, 36.9904
YIQ	146.9070, -58.0390, -32.9750

Conversions

Conversions Part 2

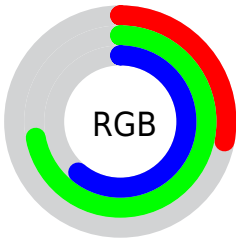
Format	Color
RYB	71, 136, 184
Decimal	4700315
CIELab	68.01, -38.98, 5.29
CIELCh	68, 39.340, 172.267
Yxy	37.9871, 0.2549, 0.3775
Android (android.graphics.Color)	4282890395 (0xFF47B89B)
YUV	146.9070, 3.9898, -66.5704
Hunter-Lab	61.6337, -33.5572, 7.5598

Details

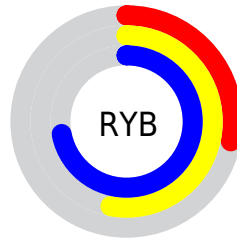
The Decimal color **4700315** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12076900**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8581585**, and **33384** is the 20% darker color. If you saturate the color by 10%, you get **3520662**, and if you desaturate by 10%, it is **5879968**.

Distribution



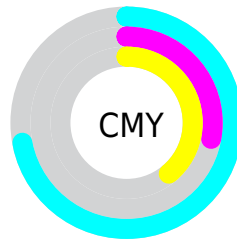
- Red (28%)
- Green (72%)
- Blue (61%)



- Red (28%)
- Yellow (53%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4700315 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 4700315 by changing the saturation by 10% instead.

4700315

4700315

16777215

2399617

8581585

33384

10485742

26704

12386303

20537

14352383

14372

16318463

8974

0

4700315

4700315

3520662

5879968

■ 2275474

■ 7125156

■ 1095821

■ 8304809

■ 47241

■ 9549998

■ 10729651

■ 11909303

■ 13154492

■ 14334145

■ 15579333

Harmonies

Analogous

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



7976057



4700315



47295

Triad

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



4700315



10264807



14652527

Complementary

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



4700315



12076900

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.



15436685



4700315



13210578

Square

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



4700315



6270188



14977968



12951647

Rectangle

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



4700315



46804



14977968



14979192

Sweetspot

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



4700315



12972261



6666311



6125681



16250871



7895160

Same Dimension

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



4700315



4124866



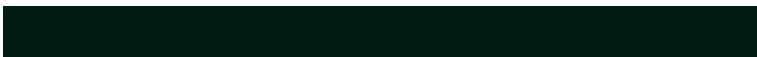
4693688



5463129



40052



7189

Inverse Universe

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



12076900



15744620



12083527



6050645



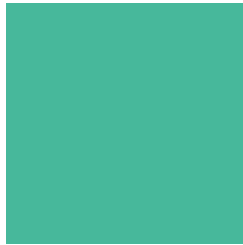
10223656



1835015

Previews

White Background



This preview shows how the Decimal color 4700315 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 4700315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

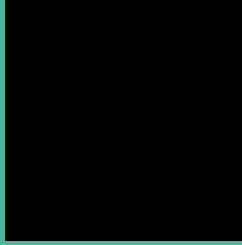
Any Text WCAG AA ✓ Pass

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 4700315 Background



This preview shows how black text looks on a background with the Decimal color 4700315.



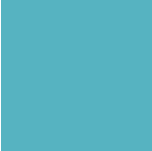
This preview shows how white text looks on a background with the Decimal color 4700315.

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
5682113

Trichromacy



Original Color
4700315



Protanomaly
8891285



Deuteranomaly
9349278



Tritanomaly
5354931

Monochromacy



Original Color
4700315



Achromatopsia
9671571



Achromatomaly
7839894

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4700315 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 #47B89B looks like.

```
.text, #text, p{  
    color:#47B89B  
}
```

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 #47B89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B89B
}
```

Border

The CSS property to change the border of an element to Decimal 4700315 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
#47B89B }
```

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

```
.border{ border-color:#47B89B }
```

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

Here you see how a box with a 4 pixel #47B89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B89B; -webkit-box-shadow:4px 4px  
4px 4px #47B89B; box-shadow:4px 4px 4px  
4px #47B89B }
```

Background

The CSS property to change the background color of an element to Decimal 4700315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B89B }
```

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

```
.background{ background-color:#47B89B }
```

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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