

Converting Colors

Decimal(5016706)

Have a look what the booklet for
Decimal(5016706) contains.

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Color

Decimal(5016706)

Conversions

Conversions Part 1

Format	Color
Hex	4C8C82
RGB	76, 140, 130
RGB Percent	30%, 55%, 51%
CMY	0.7020, 0.4510, 0.4902
CMYK	0.46, 0.00, 0.07, 0.45
HSL	171°, 30%, 42%
HSV	171°, 46%, 55%
XYZ	16.3878, 21.9044, 24.4833
YIQ	119.7240, -34.9340, -16.6780

Conversions

Conversions Part 2

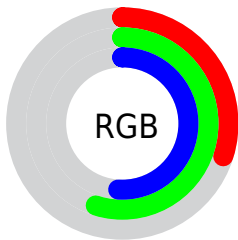
Format	Color
R _Y B	76, 111, 140
Decimal	5016706
CIE Lab	53.93, -23.11, -1.06
CIE LCh	54, 23.137, 182.620
Yxy	21.9044, 0.2611, 0.3489
Android (android.graphics.Color)	4283206786 (0xFF4C8C82)
YUV	119.7240, 5.0661, -38.3459
Hunter-Lab	46.8021, -19.4016, 1.7454

Details

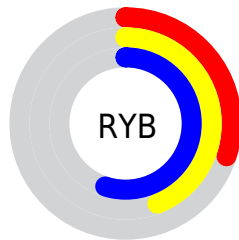
The Decimal color **5016706** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9194582**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **8503991**, and **1333841** is the 20% darker color. If you saturate the color by 10%, you get **4099200**, and if you desaturate by 10%, it is **5934212**.

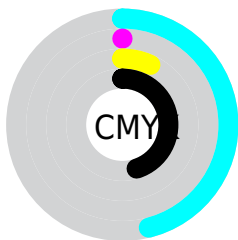
Distribution



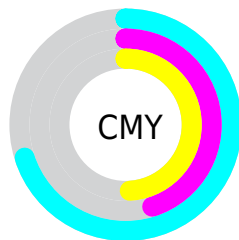
- Red (30%)
- Green (55%)
- Blue (51%)



- Red (30%)
- Yellow (44%)
- Blue (55%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)



- Cyan (70%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5016706 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 5016706 by changing the saturation by 10% instead.



5016706



5016706

16777215



3306089



8503991



1333841



10280658



16954



12123119



11044



13959167



5903



15859711



0



5016706



5016706



4099200



5934212



3181694



6851718

■ 2264187

■ 7769225

■ 1346681

■ 8686731

■ 429175

■ 9604237

■ 35958

■ 10521743

■ 11439249

■ 12356756

■ 13274262

Harmonies

Analogous

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



6392430



5016706



4426646

Triad

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



5016706



8813474



10385758

Complementary

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



5016706



9194582

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.



11039852



5016706



10253716

Square

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



5016706



6980264



11039360



9273433

Rectangle

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



5016706



4819360



11039360



10712930

Sweetspot

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



5016706



10270129



5737548



5004377



14408667



6052956

Same Dimension

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



5016706



5354917



5011340



4080964



34160



1284

Inverse Universe

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



9194582



11882849



9199948



4537919



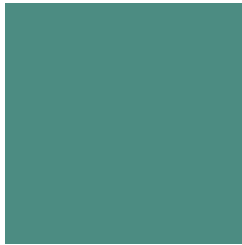
8716309



327681

Previews

White Background



This preview shows how the Decimal color 5016706 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5016706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

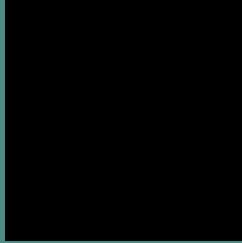
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5016706 Background



This preview shows how black text looks on a background with the Decimal color 5016706.

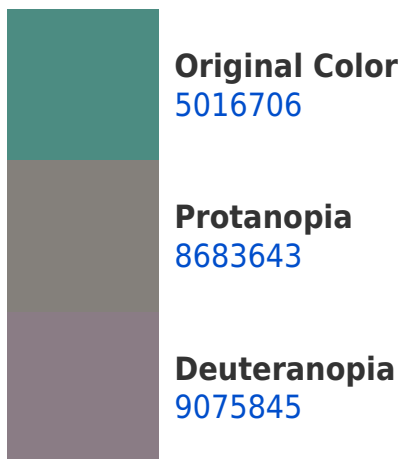



This preview shows how white text looks on a background with the Decimal color 5016706.

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](#).

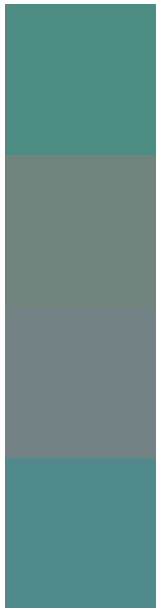
Dichromacy





Tritanopia
5343636

Trichromacy



Original Color
5016706

Protanomaly
7373950

Deuteranomaly
7570052

Tritanomaly
5212813

Monochromacy



Original Color
5016706

Achromatopsia
7895160

Achromatomaly
6848380

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5016706 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 #4C8C82 looks like.

```
.text, #text, p{  
  color:#4C8C82  
}
```

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 #4C8C82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8C82
}
```

Border

The CSS property to change the border of an element to Decimal 5016706 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
#4C8C82 }
```

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

```
.border{ border-color:#4C8C82 }
```

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

Here you see how a box with a 4 pixel #4C8C82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8C82; -webkit-box-shadow:4px 4px  
4px 4px #4C8C82; box-shadow:4px 4px 4px  
4px #4C8C82 }
```

Background

The CSS property to change the background color of an element to Decimal 5016706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8C82 }
```

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

```
.background{ background-color:#4C8C82 }
```

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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