

Converting Colors

Decimal(4641698)

Have a look what the booklet for
Decimal(4641698) contains.

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Color

Decimal(4641698)

Conversions

Conversions Part 1

Format	Color
Hex	46D3A2
RGB	70, 211, 162
RGB Percent	27%, 83%, 64%
CMY	0.7255, 0.1725, 0.3647
CMYK	0.67, 0.00, 0.23, 0.17
HSL	159°, 62%, 55%
HSV	159°, 67%, 83%
XYZ	32.3416, 50.4993, 42.2252
YIQ	163.2550, -68.3070, -45.1310

Conversions

Conversions Part 2

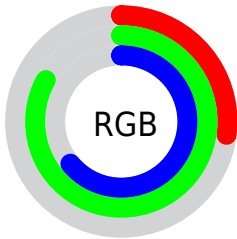
Format	Color
RYB	70, 155, 211
Decimal	4641698
CIELab	76.37, -49.10, 13.42
CIELCh	76, 50.899, 164.714
Yxy	50.4993, 0.2586, 0.4038
Android (android.graphics.Color)	4282831778 (0xFF46D3A2)
YUV	163.2550, -0.6187, -81.7846
Hunter-Lab	71.0628, -43.1222, 14.5142

Details

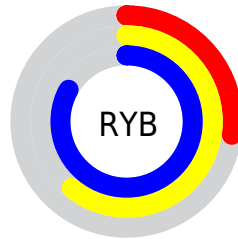
The Decimal color **4641698** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **13846135**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8847321**, and **39790** is the 20% darker color. If you saturate the color by 10%, you get **3265435**, and if you desaturate by 10%, it is **6017961**.

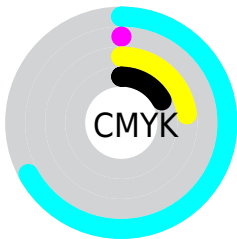
Distribution



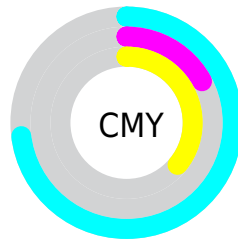
- Red (27%)
- Green (83%)
- Blue (64%)



- Red (27%)
- Yellow (61%)
- Blue (83%)



- Cyan (67%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)



- Cyan (73%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4641698 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 4641698 by changing the saturation by 10% instead.



4641698



4641698

16777215



1816456



8847321



39790



10813429



33110



12779519



26430



14745599



19752

16711679



13588



7680



0



4641698



4641698

■ 3265435

■ 6017961

■ 1889171

■ 7394225

■ 512908

■ 8770488

■ 54154

■ 10146751

■ 11588551

■ 12964814

■ 14341077

■ 15717341

■ 16765924

Harmonies

Analogous

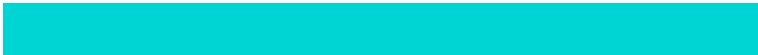
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9358711



4641698



54739

Triad

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



4641698



10074623



16753020

Complementary

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



4641698



13846135

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.



16750247



4641698



14591999

Square

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



4641698



2017535



16751062



15642977

Rectangle

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



4641698



54257



16751062



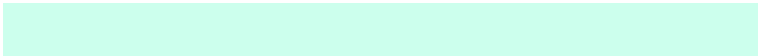
16751753

Sweetspot

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



4641698



13434861



7852870



6389877



0



8421504

Same Dimension

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



4641698



3407800



4636371



6187365



43118



10523

Inverse Universe

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



13846135



16724858



13851462



6905442



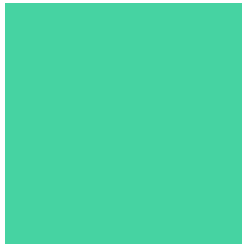
11010106



2686990

Previews

White Background



This preview shows how the Decimal color 4641698 looks on a white background.

Color Contrast Check

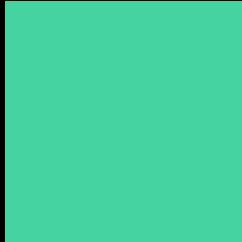
Large Text (above 18pt) WCAG AA × Fail

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 4641698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

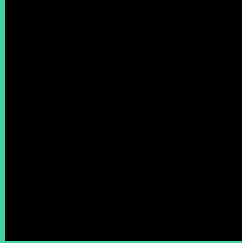
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

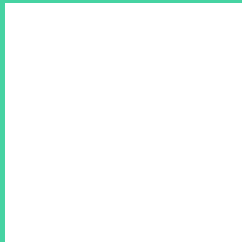
Any Text WCAG AAA ✓ Pass

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

Decimal 4641698 Background



This preview shows how black text looks on a background with the Decimal color 4641698.



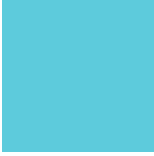
This preview shows how white text looks on a background with the Decimal color 4641698.

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





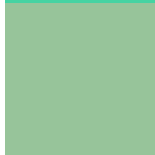
Tritanopia
6147036

Trichromacy



Original Color

4641698



Protanomaly

9946266



Deuteranomaly

10534822



Tritanomaly

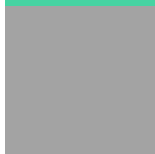
5623495

Monochromacy



Original Color

4641698



Achromatopsia

10724259



Achromatomaly

8500387

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4641698 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 #46D3A2 looks like.

```
.text, #text, p{  
    color:#46D3A2  
}
```

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 #46D3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46D3A2
}
```

Border

The CSS property to change the border of an element to Decimal 4641698 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
#46D3A2 }
```

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

```
.border{ border-color:#46D3A2 }
```

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

Here you see how a box with a 4 pixel #46D3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46D3A2; -webkit-box-shadow:4px 4px  
4px 4px #46D3A2; box-shadow:4px 4px 4px  
4px #46D3A2 }
```

Background

The CSS property to change the background color of an element to Decimal 4641698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46D3A2 }
```

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

```
.background{ background-color:#46D3A2 }
```

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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