

Converting Colors

Decimal(4964791)

Have a look what the booklet for
Decimal(4964791) contains.

Decimal(4964791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4964791)

Conversions

Conversions Part 1

Format	Color
Hex	4BC1B7
RGB	75, 193, 183
RGB Percent	29%, 76%, 72%
CMY	0.7059, 0.2431, 0.2824
CMYK	0.61, 0.00, 0.05, 0.24
HSL	175°, 49%, 53%
HSV	175°, 61%, 76%
XYZ	30.5189, 43.0547, 51.5016
YIQ	156.5780, -67.1180, -28.1260

Conversions

Conversions Part 2

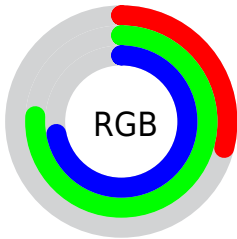
Format	Color
RYB	75, 137, 193
Decimal	4964791
CIELab	71.59, -35.17, -4.81
CIELCh	72, 35.495, 187.786
Yxy	43.0547, 0.2440, 0.3442
Android (android.graphics.Color)	4283154871 (0xFF4BC1B7)
YUV	156.5780, 13.0260, -71.5439
Hunter-Lab	65.6161, -31.8055, -0.6051

Details

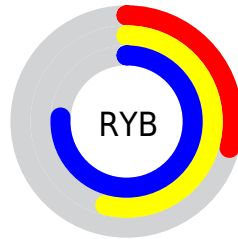
The Decimal color **4964791** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **12667733**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **8977135**, and **35714** is the 20% darker color. If you saturate the color by 10%, you get **3719605**, and if you desaturate by 10%, it is **6209977**.

Distribution



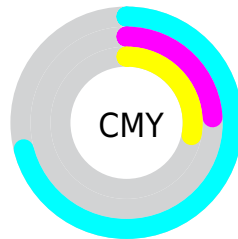
- Red (29%)
- Green (76%)
- Blue (72%)



- Red (29%)
- Yellow (54%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4964791 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 4964791 by changing the saturation by 10% instead.



4964791



4964791

16777215



2598556



8977135



35714



10878975



29033



12845055



22609



14811135



16442



10533



3088



0



4964791



4964791

■ 3719605

■ 6209977

■ 2408884

■ 7520698

■ 1163698

■ 8765884

■ 49585

■ 10011070

■ 11321791

■ 12566977

■ 13812162

■ 15057348

■ 16368070

Harmonies

Analogous

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



7585686



4964791



3719126

Triad

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



4964791



12494051



14329204

Complementary

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



4964791



12667733

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.



15506313



4964791



14654153

Square

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



4964791



9482479



15636392



12431471

Rectangle

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



4964791



5029093



15636392



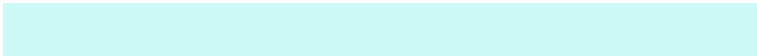
14786938

Sweetspot

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



4964791



13499126



5751115



6389115



16579836



8224125

Same Dimension

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



4964791



4455146



4952769



5726560



41363



8478

Inverse Universe

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



12667733



16401235



12679755



6379352



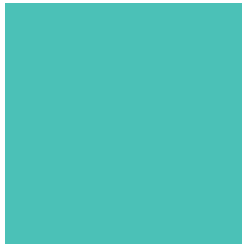
10551310



2162691

Previews

White Background



This preview shows how the Decimal color 4964791 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 4964791 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 4964791 Background



This preview shows how black text looks on a background with the Decimal color 4964791.



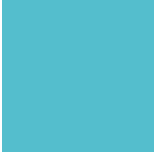
This preview shows how white text looks on a background with the Decimal color 4964791.

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
5553869

Trichromacy



Original Color

4964791



Protanomaly

9286832



Deuteranomaly

9548474



Tritanomaly

5357509

Monochromacy



Original Color

4964791



Achromatopsia

10329501



Achromatomaly

8366758

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4964791 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 #4BC1B7 looks like.

```
.text, #text, p{  
    color:#4BC1B7  
}
```

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 #4BC1B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC1B7
}
```

Border

The CSS property to change the border of an element to Decimal 4964791 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
#4BC1B7 }
```

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

```
.border{ border-color:#4BC1B7 }
```

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

Here you see how a box with a 4 pixel #4BC1B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC1B7; -webkit-box-shadow:4px 4px  
4px 4px #4BC1B7; box-shadow:4px 4px 4px  
4px #4BC1B7 }
```

Background

The CSS property to change the background color of an element to Decimal 4964791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC1B7 }
```

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

```
.background{ background-color:#4BC1B7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor