

Converting Colors

Decimal(4966625)

Have a look what the booklet for
Decimal(4966625) contains.

Decimal(4966625)	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(4966625)

Conversions

Conversions Part 1

Format	Color
Hex	4BC8E1
RGB	75, 200, 225
RGB Percent	29%, 78%, 88%
CMY	0.7059, 0.2157, 0.1176
CMYK	0.67, 0.11, 0.00, 0.12
HSL	190°, 71%, 59%
HSV	190°, 67%, 88%
XYZ	37.1465, 48.2407, 78.5877
YIQ	165.4750, -82.5250, -18.7250

Conversions

Conversions Part 2

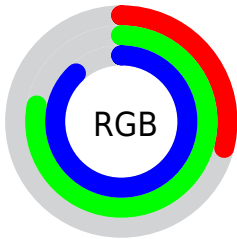
Format	Color
R _Y B	75, 143, 225
Decimal	4966625
CIE Lab	74.98, -26.58, -22.55
CIE LCh	75, 34.851, 220.310
Yxy	48.2407, 0.2265, 0.2942
Android (android.graphics.Color)	4283156705 (0xFF4BC8E1)
YUV	165.4750, 29.3458, -79.3466
Hunter-Lab	69.4555, -26.0808, -18.4668

Details

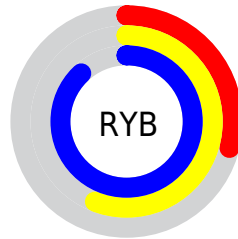
The Decimal color **4966625** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14771275**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9240575**, and **37546** is the 20% darker color. If you saturate the color by 10%, you get **3523809**, and if you desaturate by 10%, it is **6474977**.

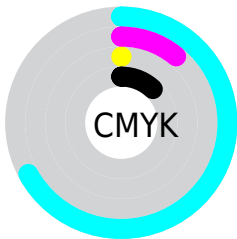
Distribution



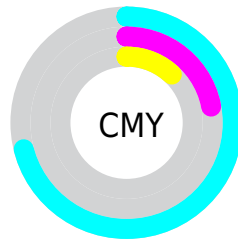
- Red (29%)
- Green (78%)
- Blue (88%)



- Red (29%)
- Yellow (56%)
- Blue (88%)



- Cyan (67%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (71%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4966625 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 4966625 by changing the saturation by 10% instead.

4966625

4966625

16777215

2075845

9240575

37546

11272191

30863

13238271

24437

15269887

18269

12357

7215

282

0

■ 4966625

■ 4966625

■ 3523809

■ 6474977

■ 2015457

■ 7917537

■ 572897

■ 9425889

■ 48097

■ 10868705

■ 12377057

■ 13819873

■ 15327969

■ 16770785

■ 16771809

Harmonies

Analogous

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



5688003



4966625



7193332

Triad

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



4966625



15377359



12892793

Complementary

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



4966625



14771275

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.



14790525



4966625



16294063

Square

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



4966625



13348074



16033169



10535815

Rectangle

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



4966625



9288696



16033169



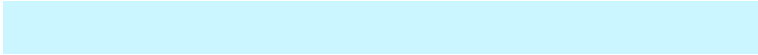
13547384

Sweetspot

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



4966625



13432575



4972900



6388352



0



8421504

Same Dimension

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



4966625



3399167



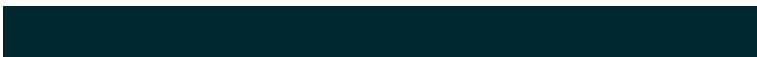
4947425



6647408



37808



10288

Inverse Universe

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



14765000



16724957



14790475



7365998



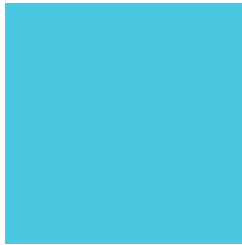
11534483



3145768

Previews

White Background



This preview shows how the Decimal color 4966625 looks on a white background.

Color Contrast Check

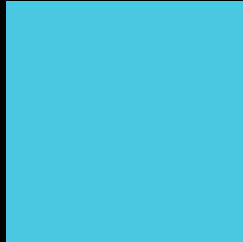
Large Text (above 18pt) WCAG AA × Fail

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 4966625 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 4966625 Background



This preview shows how black text looks on a background with the Decimal color 4966625.

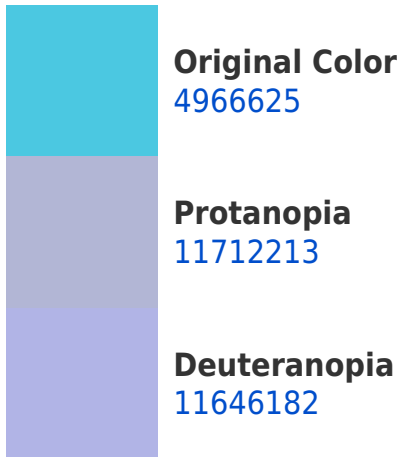


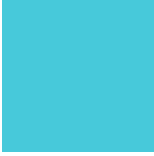
This preview shows how white text looks on a background with the Decimal color 4966625.

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
4704730

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4966625 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 #4BC8E1 looks like.

```
.text, #text, p{  
    color:#4BC8E1  
}
```

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 #4BC8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC8E1
}
```

Border

The CSS property to change the border of an element to Decimal 4966625 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
#4BC8E1 }
```

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

```
.border{ border-color:#4BC8E1 }
```

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

Here you see how a box with a 4 pixel #4BC8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC8E1; -webkit-box-shadow:4px 4px  
4px 4px #4BC8E1; box-shadow:4px 4px 4px  
4px #4BC8E1 }
```

Background

The CSS property to change the background color of an element to Decimal 4966625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC8E1 }
```

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

```
.background{ background-color:#4BC8E1 }
```

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