

Converting Colors

Decimal(5625035)

Have a look what the booklet for
Decimal(5625035) contains.

Decimal(5625035)	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(5625035)

Conversions

Conversions Part 1

Format	Color
Hex	55D4CB
RGB	85, 212, 203
RGB Percent	33%, 83%, 80%
CMY	0.6667, 0.1686, 0.2039
CMYK	0.60, 0.00, 0.04, 0.17
HSL	176°, 60%, 58%
HSV	176°, 60%, 83%
XYZ	38.0693, 53.3301, 64.7872
YIQ	173.0010, -72.8030, -29.7230

Conversions

Conversions Part 2

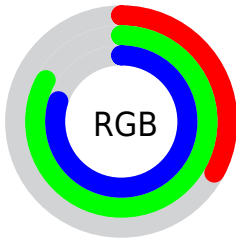
Format	Color
RYB	85, 151, 212
Decimal	5625035
CIELab	78.07, -36.91, -6.03
CIELCh	78, 37.395, 189.279
Yxy	53.3301, 0.2437, 0.3415
Android (android.graphics.Color)	4283815115 (0xFF55D4CB)
YUV	173.0010, 14.7895, -77.1769
Hunter-Lab	73.0274, -34.7457, -1.4806

Details

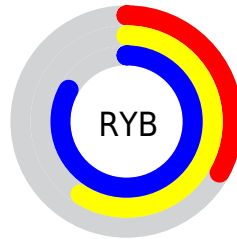
The Decimal color **5625035** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **13915486**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9699327**, and **40341** is the 20% darker color. If you saturate the color by 10%, you get **4248777**, and if you desaturate by 10%, it is **7001293**.

Distribution



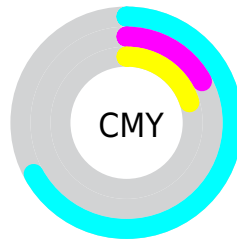
- Red (33%)
- Green (83%)
- Blue (80%)



- Red (33%)
- Yellow (59%)
- Blue (83%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (67%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5625035 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 5625035 by changing the saturation by 10% instead.

5625035

5625035

16777215

3258544

9699327

40341

11665407

33403

13631487

26978

15597567

20555

14388

9247

7

0

■ 5625035

■ 5625035

■ 4248777

■ 7001293

■ 2872520

■ 8377550

■ 1430726

■ 9819344

■ 54469

■ 11195601

■ 12571859

■ 13948116

■ 15324374

■ 16766167

■ 16766169

Harmonies

Analogous

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



8311463



5625035



4575980

Triad

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



5625035



13874423



15579009

Complementary

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



5625035



13915486

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.



16755863



5625035



16165594

Square

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



5625035



10666495



16754615



13550204

Rectangle

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



5625035



5951228



16754615



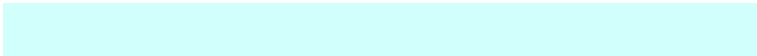
16102278

Sweetspot

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



5625035



13762556



6345813



6520958



0



8421504

Same Dimension

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



5625035



4718578



5611476



6318954



43935



11048

Inverse Universe

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



13915486



16729940



13929045



7037025



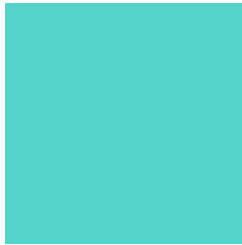
11206668



2818051

Previews

White Background



This preview shows how the Decimal color 5625035 looks on a white background.

Color Contrast Check

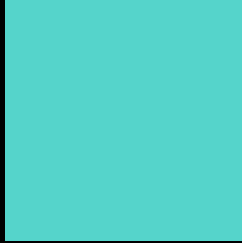
Large Text (above 18pt) WCAG AA × Fail

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 5625035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

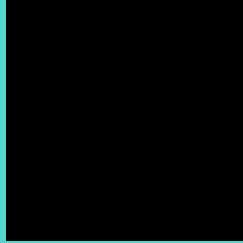
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

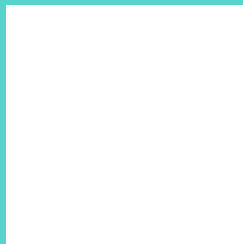
Any Text WCAG AAA ✓ Pass

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

Decimal 5625035 Background



This preview shows how black text looks on a background with the Decimal color 5625035.



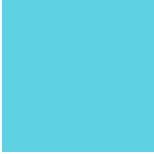
This preview shows how white text looks on a background with the Decimal color 5625035.

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
6214114

Trichromacy



Original Color
5625035



Protanomaly
10209219



Deuteranomaly
10470351

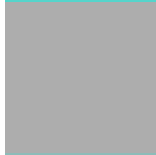


Tritanomaly
6017754

Monochromacy



Original Color
5625035



Achromatopsia
11382189



Achromatomaly
9288632

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5625035 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 #55D4CB looks like.

```
.text, #text, p{  
    color:#55D4CB  
}
```

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 #55D4CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55D4CB
}
```

Border

The CSS property to change the border of an element to Decimal 5625035 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
#55D4CB }
```

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

```
.border{ border-color:#55D4CB }
```

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

Here you see how a box with a 4 pixel #55D4CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55D4CB; -webkit-box-shadow:4px 4px  
4px 4px #55D4CB; box-shadow:4px 4px 4px  
4px #55D4CB }
```

Background

The CSS property to change the background color of an element to Decimal 5625035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55D4CB }
```

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

```
.background{ background-color:#55D4CB }
```

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