

Converting Colors

Decimal(6085323)

Have a look what the booklet for
Decimal(6085323) contains.

Decimal(6085323)	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(6085323)

Conversions

Conversions Part 1

Format	Color
Hex	5CDACB
RGB	92, 218, 203
RGB Percent	36%, 85%, 80%
CMY	0.6392, 0.1451, 0.2039
CMYK	0.58, 0.00, 0.07, 0.15
HSL	173°, 63%, 61%
HSV	173°, 58%, 85%
XYZ	40.2645, 56.7299, 65.3277
YIQ	178.6160, -70.2810, -31.3770

Conversions

Conversions Part 2

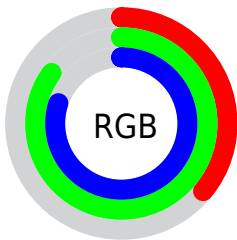
Format	Color
RYB	92, 159, 218
Decimal	6085323
CIELab	80.03, -38.39, -3.12
CIElCh	80, 38.519, 184.646
Yxy	56.7299, 0.2481, 0.3495
Android (android.graphics.Color)	4284275403 (0xFF5CDACB)
YUV	178.6160, 12.0213, -75.9622
Hunter-Lab	75.3193, -36.3853, 1.2987

Details

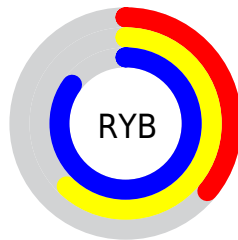
The Decimal color **6085323** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14310507**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **10092543**, and **41621** is the 20% darker color. If you saturate the color by 10%, you get **4643528**, and if you desaturate by 10%, it is **7527118**.

Distribution



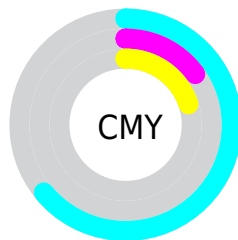
- Red (36%)
- Green (85%)
- Blue (80%)



- Red (36%)
- Yellow (62%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (64%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6085323 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 6085323 by changing the saturation by 10% instead.

 6085323

 6085323

16777215

 3849904

 10092543

 41621

 12058623

 34939

 14024703

 28258

 15990783

 21835

 15668

 10015

 8

 0

■ 6085323

■ 6085323

■ 4643528

■ 7527118

■ 3201734

■ 8968912

■ 1825475

■ 10345171

■ 383681

■ 11786965

■ 56000

■ 13228760

■ 14670555

■ 16112349

■ 16767712

■ 16767714

Harmonies

Analogous

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



8968103



6085323



4446446

Triad

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



6085323



13810687



16300678

Complementary

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



6085323



14310507

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.



16756639



6085323



16363750

Square

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



6085323



10340607



16755650



14272126

Rectangle

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



6085323



5559807



16755650



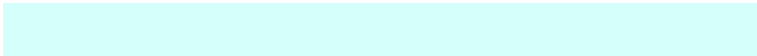
16758413

Sweetspot

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



6085323



13959162



7199324



6717564



0



8421504

Same Dimension

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



6085323



5242858



6073562



6516332



44441



11816

Inverse Universe

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



14310507



16732004



14322268



7234404



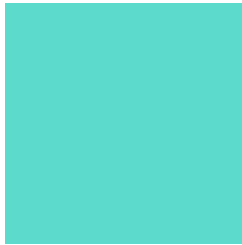
11337749



3014661

Previews

White Background



This preview shows how the Decimal color 6085323 looks on a white background.

Color Contrast Check

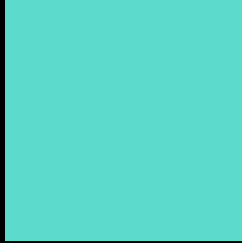
Large Text (above 18pt) WCAG AA × Fail

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 6085323 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

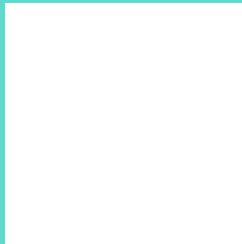
Any Text WCAG AAA ✓ Pass

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

Decimal 6085323 Background



This preview shows how black text looks on a background with the Decimal color 6085323.



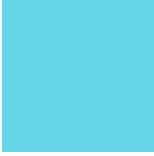
This preview shows how white text looks on a background with the Decimal color 6085323.

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
6805223

Trichromacy



Original Color
6085323



Protanomaly
10669251



Deuteranomaly
11061711

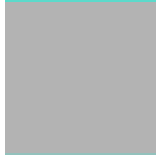


Tritanomaly
6543325

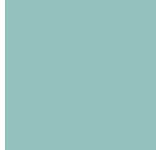
Monochromacy



Original Color
6085323



Achromatopsia
11776947



Achromatomaly
9683388

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6085323 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 #5CDACB looks like.

```
.text, #text, p{  
    color:#5CDACB  
}
```

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 #5CDACB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CDACB
}
```

Border

The CSS property to change the border of an element to Decimal 6085323 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
#5CDACB }
```

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

```
.border{ border-color:#5CDACB }
```

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

Here you see how a box with a 4 pixel #5CDACB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CDACB; -webkit-box-shadow:4px 4px  
4px 4px #5CDACB; box-shadow:4px 4px 4px  
4px #5CDACB }
```

Background

The CSS property to change the background color of an element to Decimal 6085323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CDACB }
```

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

```
.background{ background-color:#5CDACB }
```

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