

Converting Colors

Decimal(5365988)

Have a look what the booklet for
Decimal(5365988) contains.

Decimal(5365988)	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(5365988)

Conversions

Conversions Part 1

Format	Color
Hex	51E0E4
RGB	81, 224, 228
RGB Percent	32%, 88%, 89%
CMY	0.6824, 0.1216, 0.1059
CMYK	0.64, 0.02, 0.00, 0.11
HSL	182°, 73%, 61%
HSV	182°, 64%, 89%
XYZ	44.0526, 60.6621, 82.7859
YIQ	181.6990, -86.5120, -29.0720

Conversions

Conversions Part 2

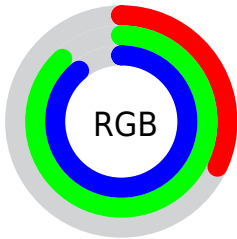
Format	Color
R _Y B	81, 153, 228
Decimal	5365988
CIE Lab	82.20, -36.32, -13.24
CIE LCh	82, 38.655, 200.025
Yxy	60.6621, 0.2349, 0.3235
Android (android.graphics.Color)	4283556068 (0xFF51E0E4)
YUV	181.6990, 22.8264, -88.3130
Hunter-Lab	77.8859, -35.3399, -8.5000

Details

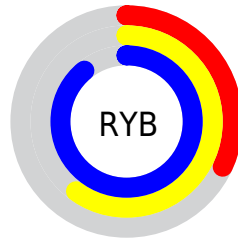
The Decimal color **5365988** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14964049**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **9699327**, and **43181** is the 20% darker color. If you saturate the color by 10%, you get **3858404**, and if you desaturate by 10%, it is **6873572**.

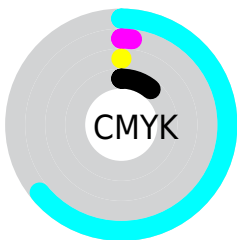
Distribution



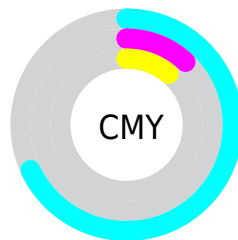
- Red (32%)
- Green (88%)
- Blue (89%)



- Red (32%)
- Yellow (60%)
- Blue (89%)



- Cyan (64%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (68%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5365988 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 5365988 by changing the saturation by 10% instead.

 5365988

 5365988

16777215

 2540744

 9699327

 43181

 11730943

 36242

 13697023

 29560

 15728639

 23136

 16968

 11058

 4125

 0

■ 5365988

■ 5365988

■ 3858404

■ 6873572

■ 2351076

■ 8380900

■ 909028

■ 9822948

■ 57060

■ 11330276

■ 12837860

■ 14345444

■ 15852772

■ 16770532

■ 16770788

Harmonies

Analogous

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



7856063



5365988



5627135

Triad

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



5365988



15711227



15779461

Complementary

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



5365988



14964049

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.



16759446



5365988



16757466

Square

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



5365988



12634111



16757429



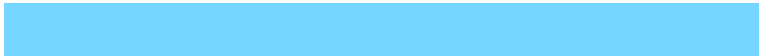
13423239

Rectangle

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



5365988



7723007



16757429



16433801

Sweetspot

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



5365988



13631231



5366867



6455168



0



8421504

Same Dimension

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



5365988



3930879



5347556



6779507



44723



12851

Inverse Universe

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



14963168



16727034



14982481



7563122



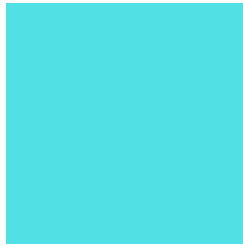
11731118



3342386

Previews

White Background



This preview shows how the Decimal color 5365988 looks on a white background.

Color Contrast Check

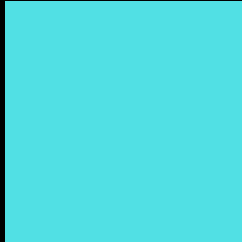
Large Text (above 18pt) WCAG AA × Fail

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 5365988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

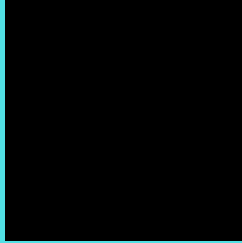
Any Text WCAG AA ✓ Pass

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 5365988 Background



This preview shows how black text looks on a background with the Decimal color 5365988.



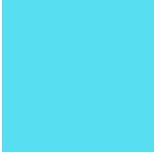
This preview shows how white text looks on a background with the Decimal color 5365988.

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
5758704

Trichromacy



Original Color
5365988



Protanomaly
10474203



Deuteranomaly
10670056

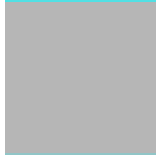


Tritanomaly
5627884

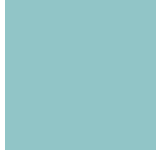
Monochromacy



Original Color
5365988



Achromatopsia
11974326



Achromatomaly
9553351

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5365988 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 #51E0E4 looks like.

```
.text, #text, p{  
    color:#51E0E4  
}
```

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 #51E0E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E0E4
}
```

Border

The CSS property to change the border of an element to Decimal 5365988 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
#51E0E4 }
```

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

```
.border{ border-color:#51E0E4 }
```

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

Here you see how a box with a 4 pixel #51E0E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E0E4; -webkit-box-shadow:4px 4px  
4px 4px #51E0E4; box-shadow:4px 4px 4px  
4px #51E0E4 }
```

Background

The CSS property to change the background color of an element to Decimal 5365988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E0E4 }
```

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

```
.background{ background-color:#51E0E4 }
```

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