

Converting Colors

Decimal(5366226)

Have a look what the booklet for
Decimal(5366226) contains.

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Color

Decimal(5366226)

Conversions

Conversions Part 1

Format	Color
Hex	51E1D2
RGB	81, 225, 210
RGB Percent	32%, 88%, 82%
CMY	0.6824, 0.1176, 0.1765
CMYK	0.64, 0.00, 0.07, 0.12
HSL	174°, 71%, 60%
HSV	174°, 64%, 88%
XYZ	41.9514, 60.2529, 70.3917
YIQ	180.2340, -81.0090, -35.1930

Conversions

Conversions Part 2

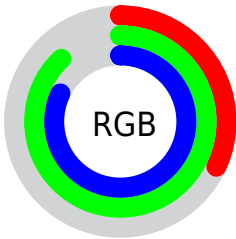
Format	Color
RYB	81, 157, 225
Decimal	5366226
CIELab	81.98, -41.62, -4.01
CIELCh	82, 41.810, 185.507
Yxy	60.2529, 0.2431, 0.3491
Android (android.graphics.Color)	4283556306 (0xFF51E1D2)
YUV	180.2340, 14.6746, -87.0282
Hunter-Lab	77.6227, -39.3690, 0.5692

Details

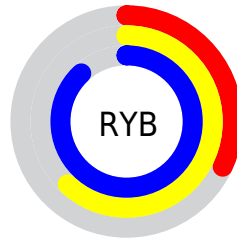
The Decimal color **5366226** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14766432**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **9633791**, and **43420** is the 20% darker color. If you saturate the color by 10%, you get **3924432**, and if you desaturate by 10%, it is **6808020**.

Distribution



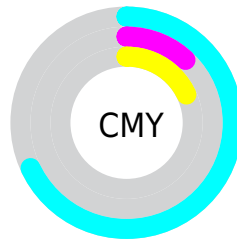
- Red (32%)
- Green (88%)
- Blue (82%)



- Red (32%)
- Yellow (62%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)

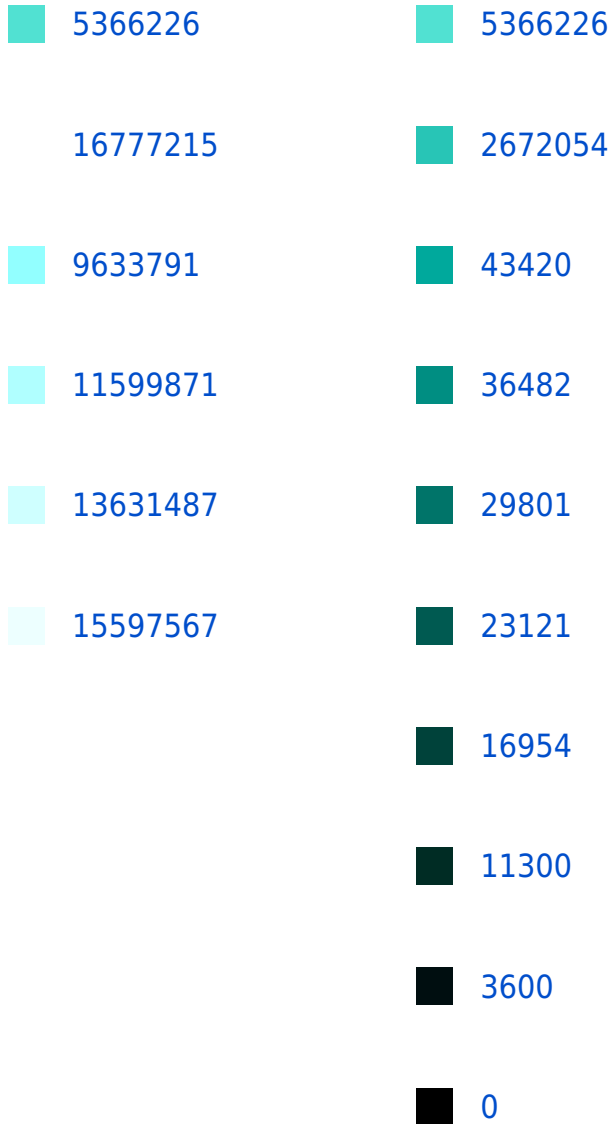


- Cyan (68%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5366226 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 5366226 by changing the saturation by 10% instead.



■ 5366226

■ 5366226

■ 3924432

■ 6808020

■ 2417101

■ 8315351

■ 975307

■ 9757145

■ 57802

■ 11264475

■ 12771806

■ 14213600

■ 15720930

■ 16769509

■ 16769511

Harmonies

Analogous

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



8773290



5366226



3006456

Triad

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



5366226



14335999



16760453

Complementary

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



5366226



14766432

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.



16757408



5366226



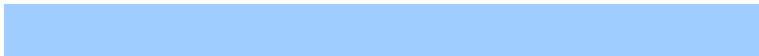
16757485

Square

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



5366226



10538495



16756166



14666877

Rectangle

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



5366226



4709375



16756166



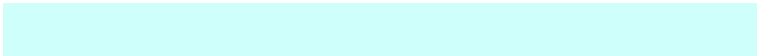
16759437

Sweetspot

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



5366226



13631482



6480209



6455420



0



8421504

Same Dimension

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



5366226



3932139



5352161



6647919



45214



12331

Inverse Universe

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



14766432



16726863



14780497



7365990



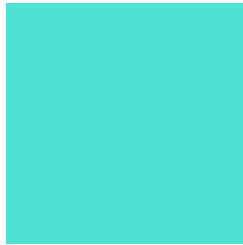
11534354



3145733

Previews

White Background



This preview shows how the Decimal color 5366226 looks on a white background.

Color Contrast Check

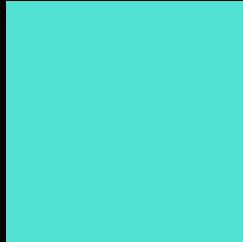
Large Text (above 18pt) WCAG AA × Fail

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 5366226 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 5366226 Background



This preview shows how black text looks on a background with the Decimal color 5366226.

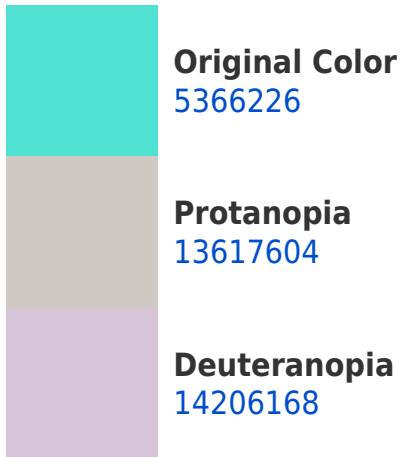


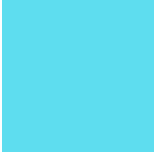
This preview shows how white text looks on a background with the Decimal color 5366226.

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
6217199

Trichromacy



Original Color
5366226



Protanomaly
10605257



Deuteranomaly
10997718

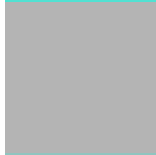


Tritanomaly
5889764

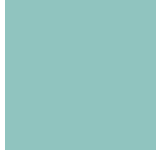
Monochromacy



Original Color
5366226



Achromatopsia
11842740



Achromatomaly
9487551

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5366226 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 #51E1D2 looks like.

```
.text, #text, p{  
    color:#51E1D2  
}
```

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 #51E1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51E1D2
}
```

Border

The CSS property to change the border of an element to Decimal 5366226 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
#51E1D2 }
```

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

```
.border{ border-color:#51E1D2 }
```

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

Here you see how a box with a 4 pixel #51E1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51E1D2; -webkit-box-shadow:4px 4px  
4px 4px #51E1D2; box-shadow:4px 4px 4px  
4px #51E1D2 }
```

Background

The CSS property to change the background color of an element to Decimal 5366226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51E1D2 }
```

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

```
.background{ background-color:#51E1D2 }
```

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](#).

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