

Converting Colors

Decimal(5365662)

Have a look what the booklet for
Decimal(5365662) contains.

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Color

Decimal(5365662)

Conversions

Conversions Part 1

Format	Color
Hex	51DF9E
RGB	81, 223, 158
RGB Percent	32%, 87%, 62%
CMY	0.6824, 0.1255, 0.3804
CMYK	0.64, 0.00, 0.29, 0.13
HSL	153°, 69%, 60%
HSV	153°, 64%, 87%
XYZ	35.9526, 56.9933, 41.4537
YIQ	173.1320, -63.7670, -50.3190

Conversions

Conversions Part 2

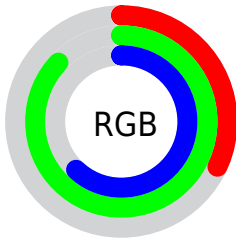
Format	Color
RYB	81, 173, 223
Decimal	5365662
CIELab	80.18, -52.95, 20.87
CIELCh	80, 56.910, 158.491
Yxy	56.9933, 0.2675, 0.4241
Android (android.graphics.Color)	4283555742 (0xFF51DF9E)
YUV	173.1320, -7.4601, -80.7998
Hunter-Lab	75.4939, -47.1070, 20.2896

Details

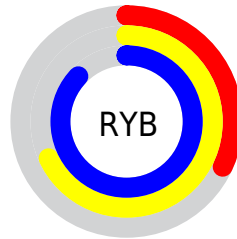
The Decimal color **5365662** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **14635410**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9437141**, and **42858** is the 20% darker color. If you saturate the color by 10%, you get **3923860**, and if you desaturate by 10%, it is **6807464**.

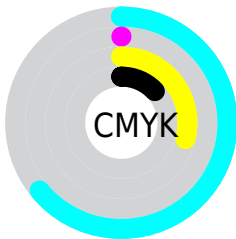
Distribution



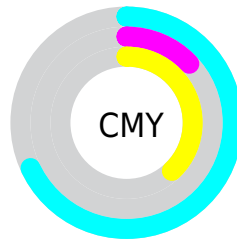
- Red (32%)
- Green (87%)
- Blue (62%)



- Red (32%)
- Yellow (68%)
- Blue (87%)



- Cyan (64%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)



- Cyan (68%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5365662 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 5365662 by changing the saturation by 10% instead.

 5365662

 5365662

16777215

 2868100

 9437141

 42858

 11468785

 35922

 13434879

 28986

 15400959

 22564

 16142

 10240

 256

 0

■ 5365662

■ 5365662

■ 3923860

■ 6807464

■ 2416522

■ 8314802

■ 974719

■ 9756605

■ 57209

■ 11198407

■ 12705745

■ 14147547

■ 15589349

■ 16769008

■ 16769018

Harmonies

Analogous

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



10475376



5365662



58069

Triad

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



5365662



8964095



16753543

Complementary

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



5365662



14635410

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.



16751290



5365662



14660607

Square

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



5365662



55295



16752879



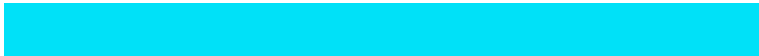
16758371

Rectangle

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



5365662



57848



16752879



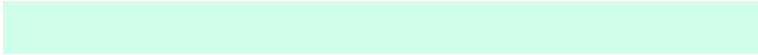
16752535

Sweetspot

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



5365662



13631465



9690961



6455410



0



8421504

Same Dimension

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



5365662



4063142



5364447



6647915



45151



12314

Inverse Universe

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



14635410



16727446



14636625



7365994



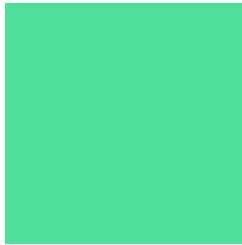
11534417



3145750

Previews

White Background



This preview shows how the Decimal color 5365662 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 5365662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

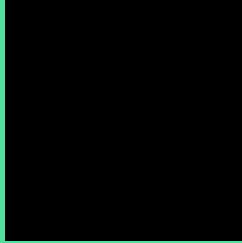
Any Text WCAG AA ✓ Pass

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 5365662 Background



This preview shows how black text looks on a background with the Decimal color 5365662.

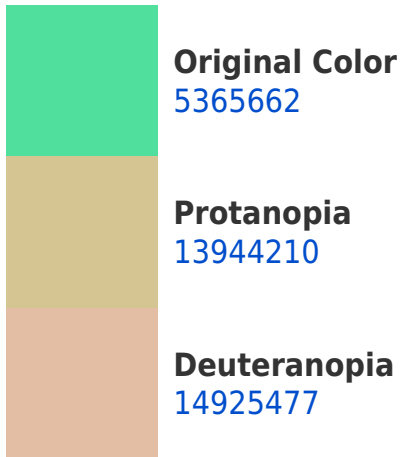


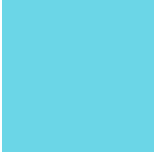
This preview shows how white text looks on a background with the Decimal color 5365662.

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
7067367

Trichromacy



Original Color

5365662



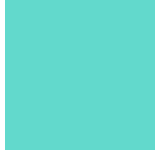
Protanomaly

10800790



Deuteranomaly

11455138



Tritanomaly

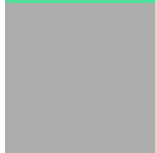
6478284

Monochromacy



Original Color

5365662



Achromatopsia

11382189



Achromatomaly

9224104

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5365662 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 #51DF9E looks like.

```
.text, #text, p{  
    color:#51DF9E  
}
```

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 #51DF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51DF9E
}
```

Border

The CSS property to change the border of an element to Decimal 5365662 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
#51DF9E }
```

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

```
.border{ border-color:#51DF9E }
```

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

Here you see how a box with a 4 pixel #51DF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51DF9E; -webkit-box-shadow:4px 4px  
4px 4px #51DF9E; box-shadow:4px 4px 4px  
4px #51DF9E }
```

Background

The CSS property to change the background color of an element to Decimal 5365662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51DF9E }
```

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

```
.background{ background-color:#51DF9E }
```

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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