

Converting Colors

Decimal(5355936)

Have a look what the booklet for
Decimal(5355936) contains.

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Color

Decimal(5355936)

Conversions

Conversions Part 1

Format	Color
Hex	51B9A0
RGB	81, 185, 160
RGB Percent	32%, 73%, 63%
CMY	0.6824, 0.2745, 0.3725
CMYK	0.56, 0.00, 0.14, 0.27
HSL	166°, 43%, 52%
HSV	166°, 56%, 73%
XYZ	27.0875, 38.9853, 39.3550
YIQ	151.0540, -53.9590, -29.8230

Conversions

Conversions Part 2

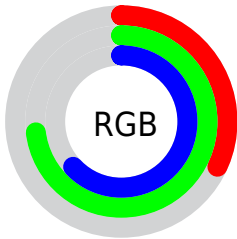
Format	Color
RYB	81, 140, 185
Decimal	5355936
CIELab	68.74, -36.22, 3.64
CIELCh	69, 36.405, 174.263
Yxy	38.9853, 0.2569, 0.3698
Android (android.graphics.Color)	4283546016 (0xFF51B9A0)
YUV	151.0540, 4.4104, -61.4374
Hunter-Lab	62.4382, -31.8286, 6.3361

Details

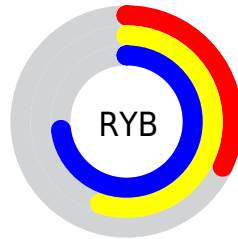
The Decimal color **5355936** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12145002**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9171671**, and **99181** is the 20% darker color. If you saturate the color by 10%, you get **4110748**, and if you desaturate by 10%, it is **6601124**.

Distribution



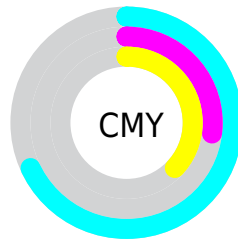
- Red (32%)
- Green (73%)
- Blue (63%)



- Red (32%)
- Yellow (55%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5355936 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 5355936 by changing the saturation by 10% instead.

■ 5355936

■ 5355936

16777215

■ 3317382

■ 9171671

■ 99181

■ 11010035

■ 26964

■ 12910591

■ 20797

■ 14876671

■ 14632

■ 9491

■ 0

■ 5355936

■ 5355936

■ 4110748

■ 6601124

■ 2931095

■ 7780777

■ 1685907

■ 9025965

■ 506254

■ 10205618

■ 47501

■ 11385270

■ 12630459

■ 13875647

■ 15055300

■ 16234952

Harmonies

Analogous

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



8172928



5355936



2537922

Triad

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



5355936



10724068



14456947

Complementary

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



5355936



12145002

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.



15241358



5355936



13342415

Square

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



5355936



7253481



14913455



12821606

Rectangle

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



5355936



2602965



14913455



14849403

Sweetspot

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



5355936



13103334



7059793



6322290



16250871



7895160

Same Dimension

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



5355936



5238985



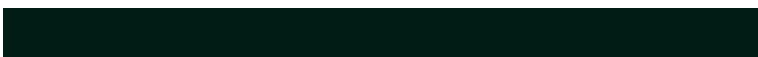
5349305



5463130



40054



7189

Inverse Universe

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



12145002



15748982



12151633



6050645



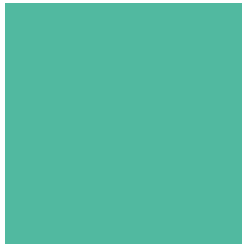
10223653



1835015

Previews

White Background



This preview shows how the Decimal color 5355936 looks on a white background.

Color Contrast Check

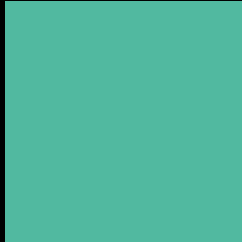
Large Text (above 18pt) WCAG AA × Fail

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 5355936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

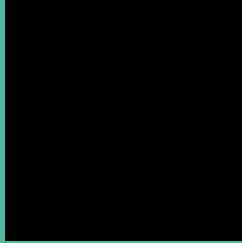
Any Text WCAG AA ✓ Pass

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 5355936 Background



This preview shows how black text looks on a background with the Decimal color 5355936.

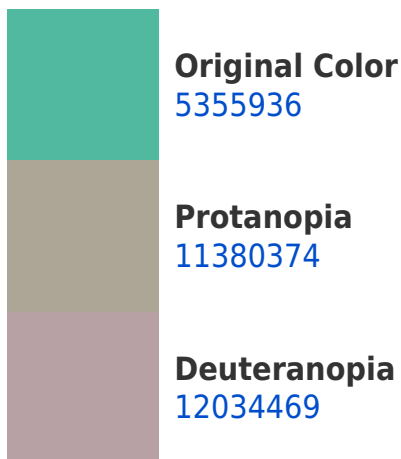


This preview shows how white text looks on a background with the Decimal color 5355936.

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
6141123

Trichromacy



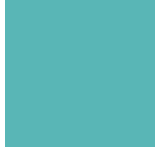
Original Color
5355936



Protanomaly
9219482



Deuteranomaly
9611939



Tritanomaly
5879478

Monochromacy



Original Color
5355936



Achromatopsia
9934743



Achromatomaly
8299418

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5355936 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 #51B9A0 looks like.

```
.text, #text, p{  
    color:#51B9A0  
}
```

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 #51B9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B9A0
}
```

Border

The CSS property to change the border of an element to Decimal 5355936 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
#51B9A0 }
```

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

```
.border{ border-color:#51B9A0 }
```

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

Here you see how a box with a 4 pixel #51B9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B9A0; -webkit-box-shadow:4px 4px  
4px 4px #51B9A0; box-shadow:4px 4px 4px  
4px #51B9A0 }
```

Background

The CSS property to change the background color of an element to Decimal 5355936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B9A0 }
```

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

```
.background{ background-color:#51B9A0 }
```

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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