

Converting Colors

Decimal(5355203)

Have a look what the booklet for
Decimal(5355203) contains.

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Color

Decimal(5355203)

Conversions

Conversions Part 1

Format	Color
Hex	51B6C3
RGB	81, 182, 195
RGB Percent	32%, 71%, 76%
CMY	0.6824, 0.2863, 0.2353
CMYK	0.58, 0.07, 0.00, 0.24
HSL	187°, 49%, 54%
HSV	187°, 58%, 76%
XYZ	29.9716, 39.1454, 57.6059
YIQ	153.2830, -64.3690, -17.3690

Conversions

Conversions Part 2

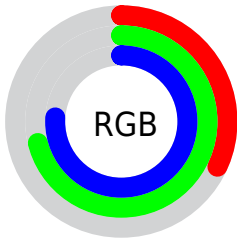
Format	Color
R _Y B	81, 135, 195
Decimal	5355203
CIE Lab	68.86, -25.44, -15.45
CIE LCh	69, 29.762, 211.282
Yxy	39.1454, 0.2365, 0.3089
Android (android.graphics.Color)	4283545283 (0xFF51B6C3)
YUV	153.2830, 20.5665, -63.3922
Hunter-Lab	62.5663, -23.9827, -10.7930

Details

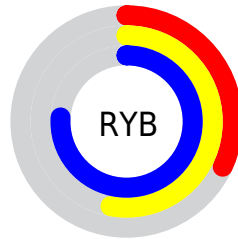
The Decimal color **5355203** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **12803665**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **9236220**, and **33165** is the 20% darker color. If you saturate the color by 10%, you get **4043971**, and if you desaturate by 10%, it is **6600899**.

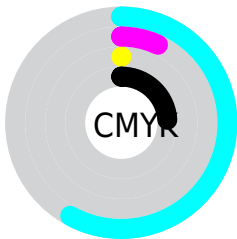
Distribution



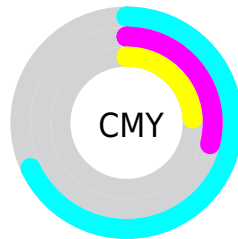
- Red (32%)
- Green (71%)
- Blue (76%)



- Red (32%)
- Yellow (53%)
- Blue (76%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5355203 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 5355203 by changing the saturation by 10% instead.

■ 5355203

■ 5355203

16777215

■ 3185576

■ 9236220

■ 33165

■ 11206655

■ 26484

■ 13107199

■ 20315

■ 15073279

■ 14404

■ 9005

■ 281

■ 0

■ 5355203

■ 5355203

■ 4043971

■ 6600899

■ 2798275

■ 7912131

■ 1486787

■ 9158083

■ 241091

■ 10469315

■ 44483

■ 11780547

■ 13026243

■ 14337731

■ 15583427

■ 16763587

Harmonies

Analogous

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



6338472



5355203



6402774

Triad

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



5355203



13342914



12232562

Complementary

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



5355203



12803665

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.



13672058



5355203



14455976

Square

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



5355203



11379158



14521997



10334073

Rectangle

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



5355203



7974365



14521997



12756083

Sweetspot

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



5355203



13629436



5358428



6519936



0



8421504

Same Dimension

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



5355203



5040380



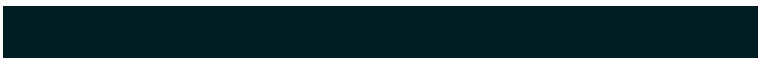
5341123



5726305



36513



7457

Inverse Universe

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



12800438



16534760



12817745



6379360



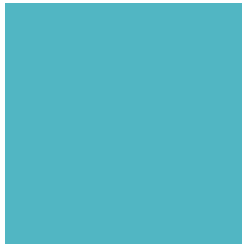
10551438



2162717

Previews

White Background



This preview shows how the Decimal color 5355203 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 5355203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

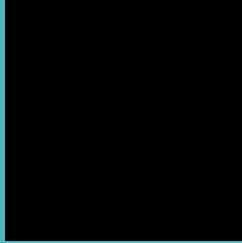
Any Text WCAG AA ✓ Pass

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 5355203 Background



This preview shows how black text looks on a background with the Decimal color 5355203.

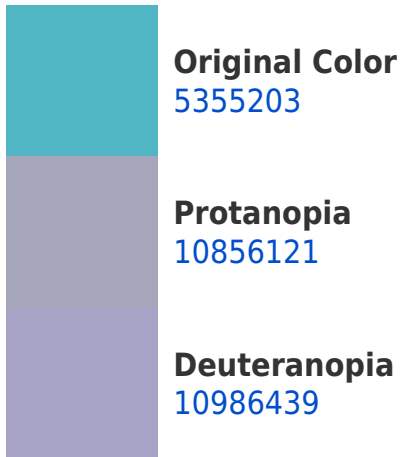


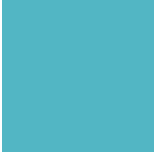
This preview shows how white text looks on a background with the Decimal color 5355203.

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
5420740

Trichromacy



Original Color
5355203



Protanomaly
8826045



Deuteranomaly
8956614



Tritanomaly
5420740

Monochromacy



Original Color
5355203



Achromatopsia
10066329



Achromatomaly
8365224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5355203 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 #51B6C3 looks like.

```
.text, #text, p{  
    color:#51B6C3  
}
```

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 #51B6C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B6C3
}
```

Border

The CSS property to change the border of an element to Decimal 5355203 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
#51B6C3 }
```

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

```
.border{ border-color:#51B6C3 }
```

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

Here you see how a box with a 4 pixel #51B6C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B6C3; -webkit-box-shadow:4px 4px  
4px 4px #51B6C3; box-shadow:4px 4px 4px  
4px #51B6C3 }
```

Background

The CSS property to change the background color of an element to Decimal 5355203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B6C3 }
```

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

```
.background{ background-color:#51B6C3 }
```

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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