

Converting Colors

Decimal(5616049)

Have a look what the booklet for
Decimal(5616049) contains.

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Color

Decimal(5616049)

Conversions

Conversions Part 1

Format	Color
Hex	55B1B1
RGB	85, 177, 177
RGB Percent	33%, 69%, 69%
CMY	0.6667, 0.3059, 0.3059
CMYK	0.52, 0.00, 0.00, 0.31
HSL	180°, 37%, 51%
HSV	180°, 52%, 69%
XYZ	27.4043, 36.5499, 47.2055
YIQ	149.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

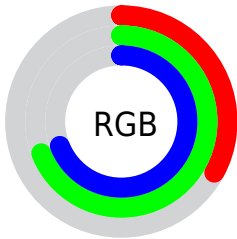
Format	Color
R _Y B	85, 131, 177
Decimal	5616049
CIE Lab	66.94, -27.18, -8.37
CIE LCh	67, 28.436, 197.126
Yxy	36.5499, 0.2465, 0.3288
Android (android.graphics.Color)	4283806129 (0xFF55B1B1)
YUV	149.4920, 13.5614, -56.5595
Hunter-Lab	60.4565, -24.8868, -3.9751

Details

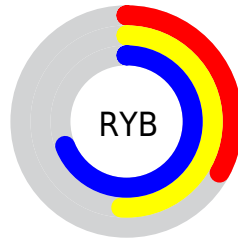
The Decimal color **5616049** is a light color, and the websafe version is hex **339999**. A complement of this color would be **11621717**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9365993**, and **949373** is the 20% darker color. If you saturate the color by 10%, you get **4436401**, and if you desaturate by 10%, it is **6795697**.

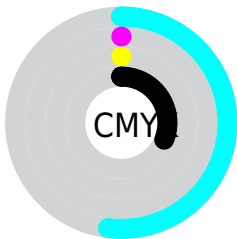
Distribution



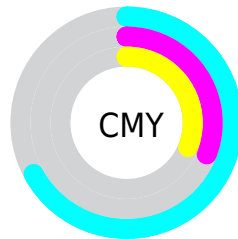
- Red (33%)
- Green (69%)
- Blue (69%)



- Red (33%)
- Yellow (51%)
- Blue (69%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (67%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5616049 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 5616049 by changing the saturation by 10% instead.

■ 5616049

■ 5616049

16777215

■ 3643030

■ 9365993

■ 949373

■ 11272191

■ 25444

■ 13172735

■ 19020

■ 15073279

■ 13109

■ 8224

■ 8

■ 0

■ 5616049

■ 5616049

■ 4436401

■ 6795697

■ 3322289

■ 7909809

■ 2142641

■ 9089457

■ 962993

■ 10269105

■ 45489

■ 11448753

■ 12562865

■ 13742513

■ 14922161

■ 16036273

Harmonies

Analogous

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



7123095



5616049



5680840

Triad

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



5616049



12097478



12557681

Complementary

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



5616049



11621717

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.



13669758



5616049



13603247

Square

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



5616049



9937108



14061717



10921586

Rectangle

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



5616049



6728657



14061717



13015924

Sweetspot

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



5616049



12707558



5615957



6124403



15921906



7566195

Same Dimension

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



5616049



5760742



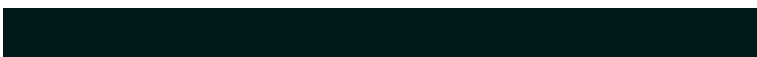
5604273



5265753



39321



6682

Inverse Universe

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



11621809



15095782



11633493



5853273



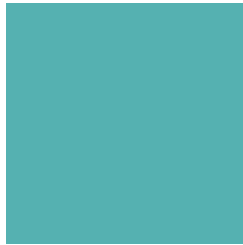
10027161



1703962

Previews

White Background



This preview shows how the Decimal color 5616049 looks on a white background.

Color Contrast Check

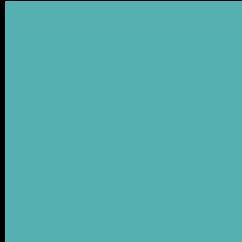
Large Text (above 18pt) WCAG AA × Fail

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 5616049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

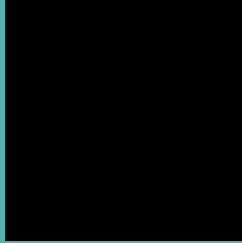
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

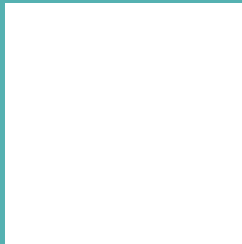
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5616049 Background



This preview shows how black text looks on a background with the Decimal color 5616049.



This preview shows how white text looks on a background with the Decimal color 5616049.

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
5877693

Trichromacy



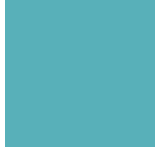
Original Color
5616049



Protanomaly
8890283



Deuteranomaly
9086388



Tritanomaly
5812409

Monochromacy



Original Color
5616049



Achromatopsia
9803157



Achromatomaly
8298399

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5616049 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 #55B1B1 looks like.

```
.text, #text, p{  
    color:#55B1B1  
}
```

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 #55B1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55B1B1
}
```

Border

The CSS property to change the border of an element to Decimal 5616049 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
#55B1B1 }
```

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

```
.border{ border-color:#55B1B1 }
```

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

Here you see how a box with a 4 pixel #55B1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55B1B1; -webkit-box-shadow:4px 4px  
4px 4px #55B1B1; box-shadow:4px 4px 4px  
4px #55B1B1 }
```

Background

The CSS property to change the background color of an element to Decimal 5616049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55B1B1 }
```

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

```
.background{ background-color:#55B1B1 }
```

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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