

Converting Colors

Decimal(5356435)

Have a look what the booklet for
Decimal(5356435) contains.

Decimal(5356435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5356435)

Conversions

Conversions Part 1

Format	Color
Hex	51BB93
RGB	81, 187, 147
RGB Percent	32%, 73%, 58%
CMY	0.6824, 0.2667, 0.4235
CMYK	0.57, 0.00, 0.21, 0.27
HSL	157°, 44%, 53%
HSV	157°, 57%, 73%
XYZ	26.4301, 39.3966, 33.8150
YIQ	150.7460, -50.3360, -34.9120

Conversions

Conversions Part 2

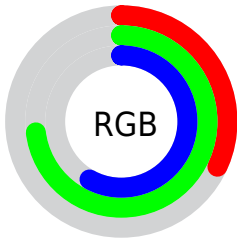
Format	Color
RYB	81, 146, 187
Decimal	5356435
CIELab	69.04, -40.19, 11.18
CIELCh	69, 41.711, 164.458
Yxy	39.3966, 0.2653, 0.3954
Android (android.graphics.Color)	4283546515 (0xFF51BB93)
YUV	150.7460, -1.8468, -61.1672
Hunter-Lab	62.7667, -34.6780, 11.9947

Details

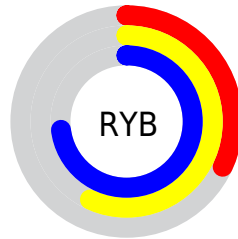
The Decimal color **5356435** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12276089**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9106633**, and **165216** is the 20% darker color. If you saturate the color by 10%, you get **4111244**, and if you desaturate by 10%, it is **6601626**.

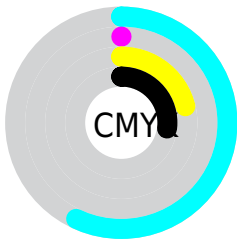
Distribution



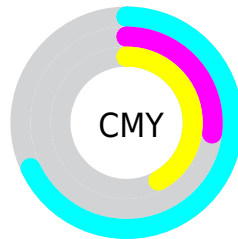
- Red (32%)
- Green (73%)
- Blue (58%)



- Red (32%)
- Yellow (57%)
- Blue (73%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5356435 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 5356435 by changing the saturation by 10% instead.



5356435



5356435

16777215



3317881



9106633



165216



11010021



27465



12910591



21042



14811135



14877



9732



0



5356435



5356435



4111244



6601626

■ 2931589

■ 7781281

■ 1686398

■ 9026472

■ 441207

■ 10271663

■ 47988

■ 11451318

■ 12696509

■ 13941700

■ 15186891

■ 16366547

Harmonies

Analogous

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



8697457



5356435



48314

Triad

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



5356435



9348849



15307381

Complementary

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



5356435



12276089

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.



15829911



5356435



12884191

Square

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



5356435



4502257



15044030



13737824

Rectangle

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



5356435



48082



15044030



15634304

Sweetspot

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



5356435



13234915



8043345



6453873



16448250



8026746

Same Dimension

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



5356435



5173940



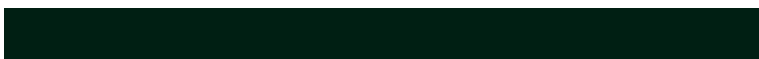
5353403



5594715



40546



7955

Inverse Universe

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



12276089



15879820



12279121



6182232



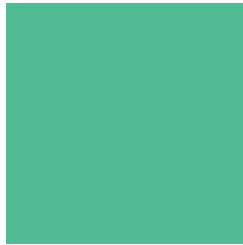
10354748



2031628

Previews

White Background



This preview shows how the Decimal color 5356435 looks on a white background.

Color Contrast Check

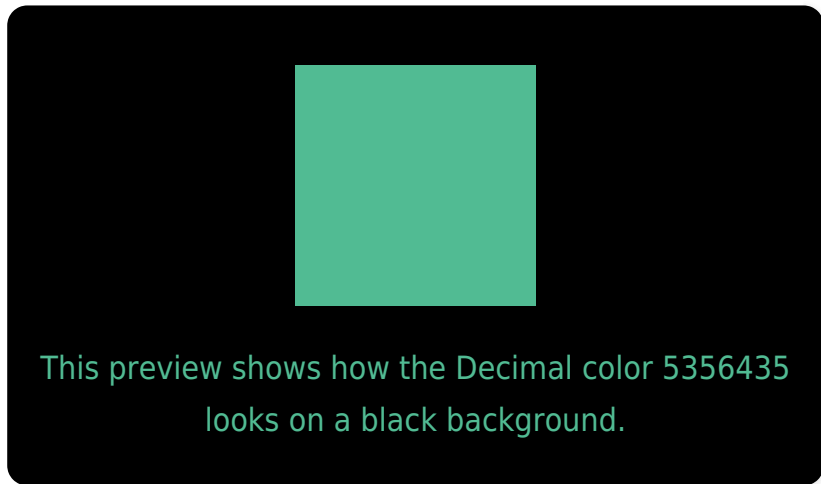
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 5356435 Background



This preview shows how black text looks on a background with the Decimal color 5356435.



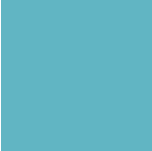
This preview shows how white text looks on a background with the Decimal color 5356435.

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
6403523

Trichromacy



Original Color
5356435



Protanomaly
9350797



Deuteranomaly
9874071



Tritanomaly
6010802

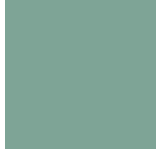
Monochromacy



Original Color
5356435



Achromatopsia
9934743



Achromatomaly
8299670

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5356435 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 #51BB93 looks like.

```
.text, #text, p{  
    color:#51BB93  
}
```

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 #51BB93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51BB93
}
```

Border

The CSS property to change the border of an element to Decimal 5356435 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
#51BB93 }
```

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

```
.border{ border-color:#51BB93 }
```

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

Here you see how a box with a 4 pixel #51BB93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51BB93; -webkit-box-shadow:4px 4px  
4px 4px #51BB93; box-shadow:4px 4px 4px  
4px #51BB93 }
```

Background

The CSS property to change the background color of an element to Decimal 5356435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51BB93 }
```

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

```
.background{ background-color:#51BB93 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor