

Converting Colors

Decimal(5356164)

Have a look what the booklet for
Decimal(5356164) contains.

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Color

Decimal(5356164)

Conversions

Conversions Part 1

Format	Color
Hex	51BA84
RGB	81, 186, 132
RGB Percent	32%, 73%, 52%
CMY	0.6824, 0.2706, 0.4824
CMYK	0.56, 0.00, 0.29, 0.27
HSL	149°, 43%, 52%
HSV	149°, 56%, 73%
XYZ	25.1171, 38.5331, 27.9436
YIQ	148.4490, -45.2460, -39.0540

Conversions

Conversions Part 2

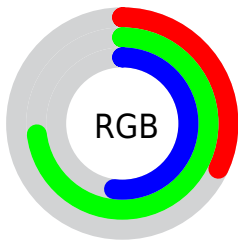
Format	Color
RYB	81, 152, 186
Decimal	5356164
CIELab	68.41, -42.98, 18.44
CIELCh	68, 46.773, 156.782
Yxy	38.5331, 0.2742, 0.4207
Android (android.graphics.Color)	4283546244 (0xFF51BA84)
YUV	148.4490, -8.1094, -59.1528
Hunter-Lab	62.0750, -36.4057, 16.7626

Details

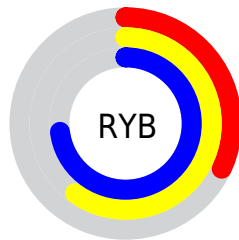
The Decimal color **5356164** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12210567**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9106361**, and **296018** is the 20% darker color. If you saturate the color by 10%, you get **4110970**, and if you desaturate by 10%, it is **6601358**.

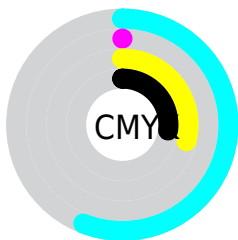
Distribution



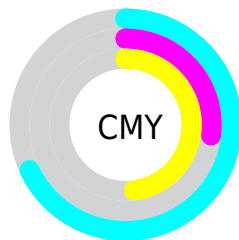
- Red (32%)
- Green (73%)
- Blue (52%)



- Red (32%)
- Yellow (60%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (29%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5356164 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 5356164 by changing the saturation by 10% instead.



5356164



5356164

16777215



3317611



9106361



296018



11010005



27195



12910577



20773



14811135



14608



9216



0



5356164



5356164



4110970



6601358

■ 2931313

■ 7781015

■ 1686119

■ 9026209

■ 506462

■ 10205866

■ 47706

■ 11451060

■ 12696253

■ 13875911

■ 15121105

■ 16300762

Harmonies

Analogous

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



9089889



5356164



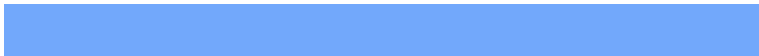
48559

Triad

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



5356164



7514363



15895158

Complementary

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



5356164



12210567

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.



16155807



5356164



12032235

Square

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



5356164



46324



14911945



14391641

Rectangle

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



5356164



48332



14911945



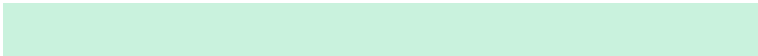
16156547

Sweetspot

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



5356164



13234909



8895057



6453870



16448250



8026746

Same Dimension

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



5356164



5173918



5356216



5463127



40012



7182

Inverse Universe

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



12210567



15879842



12210515



6050647



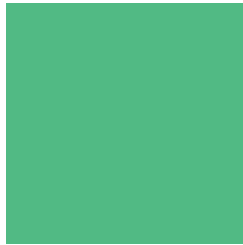
10223696



1835022

Previews

White Background



This preview shows how the Decimal color 5356164 looks on a white background.

Color Contrast Check

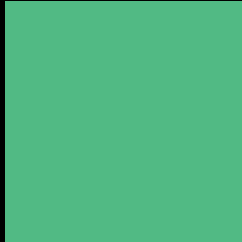
Large Text (above 18pt) WCAG AA × Fail

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 5356164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

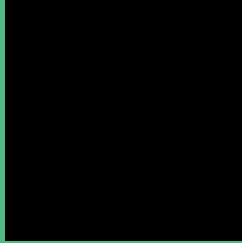
Any Text WCAG AA ✓ Pass

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 5356164 Background



This preview shows how black text looks on a background with the Decimal color 5356164.

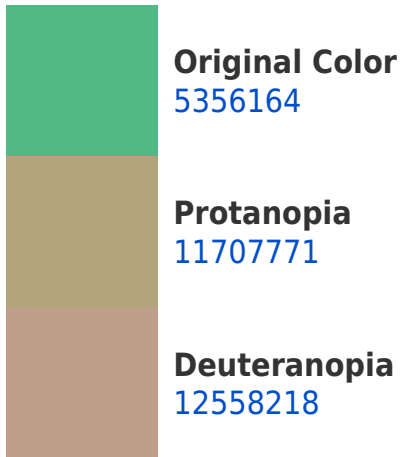


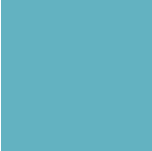
This preview shows how white text looks on a background with the Decimal color 5356164.

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
6533825

Trichromacy



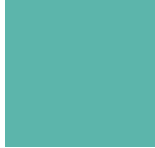
Original Color
5356164



Protanomaly
9416062



Deuteranomaly
9939336



Tritanomaly
6075819

Monochromacy



Original Color
5356164



Achromatopsia
9737364



Achromatomaly
8168078

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5356164 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 #51BA84 looks like.

```
.text, #text, p{  
  color:#51BA84  
}
```

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 #51BA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51BA84
}
```

Border

The CSS property to change the border of an element to Decimal 5356164 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
#51BA84 }
```

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

```
.border{ border-color:#51BA84 }
```

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

Here you see how a box with a 4 pixel #51BA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51BA84; -webkit-box-shadow:4px 4px  
4px 4px #51BA84; box-shadow:4px 4px 4px  
4px #51BA84 }
```

Background

The CSS property to change the background color of an element to Decimal 5356164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51BA84 }
```

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

```
.background{ background-color:#51BA84 }
```

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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