

Converting Colors

Decimal(5286251)

Have a look what the booklet for
Decimal(5286251) contains.

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Color

Decimal(5286251)

Conversions

Conversions Part 1

Format	Color
Hex	50A96B
RGB	80, 169, 107
RGB Percent	31%, 66%, 42%
CMY	0.6863, 0.3373, 0.5804
CMYK	0.53, 0.00, 0.37, 0.34
HSL	138°, 36%, 49%
HSV	138°, 53%, 66%
XYZ	20.1501, 31.1429, 18.8591
YIQ	135.3210, -33.1420, -38.1500

Conversions

Conversions Part 2

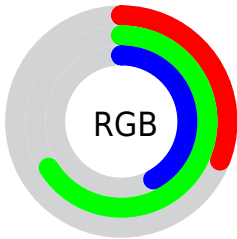
Format	Color
RYB	80, 148, 169
Decimal	5286251
CIELab	62.63, -40.78, 24.08
CIElCh	63, 47.357, 149.436
Yxy	31.1429, 0.2872, 0.4439
Android (android.graphics.Color)	4283476331 (0xFF50A96B)
YUV	135.3210, -13.9623, -48.5165
Hunter-Lab	55.8059, -33.2085, 19.0276

Details

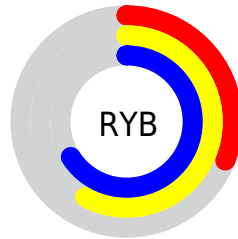
The Decimal color **5286251** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11096206**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **8905119**, and **1078331** is the 20% darker color. If you saturate the color by 10%, you get **4172127**, and if you desaturate by 10%, it is **6400375**.

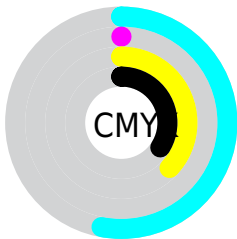
Distribution



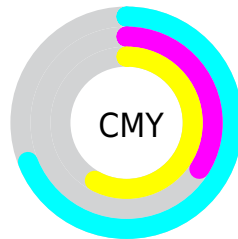
- Red (31%)
- Green (66%)
- Blue (42%)



- Red (31%)
- Yellow (58%)
- Blue (66%)



- Cyan (53%)
- Magenta (0%)
- Yellow (37%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5286251 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 5286251 by changing the saturation by 10% instead.

 5286251

 5286251

16777215

 3378770

 8905119

 1078331

 10747578

 23332

 12648406

 16910

 14483442

 11264

 16449535

 4352

 0

 5286251

 5286251

 4172127

 6400375

■ 3058003

■ 7514499

■ 1943880

■ 8628622

■ 829756

■ 9742746

■ 43315

■ 10791334

■ 11905458

■ 13019581

■ 14133705

■ 15247829

Harmonies

Analogous

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



8823115



5286251



44437

Triad

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



5286251



4627691



14973040

Complementary

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



5286251



11096206

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.



14906522



5286251



10063329

Square

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



5286251



42975



13336003



13796944

Rectangle

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



5286251



44466



13336003



15103358

Sweetspot

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



5286251



12114883



9349456



5860959



15592941



7237230

Same Dimension

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



5286251



5364603



5286295



5002318



37933



5126

Inverse Universe

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



11096206



14373297



11096162



5524562



9699431



1310734

Previews

White Background



This preview shows how the Decimal color 5286251 looks on a white background.

Color Contrast Check

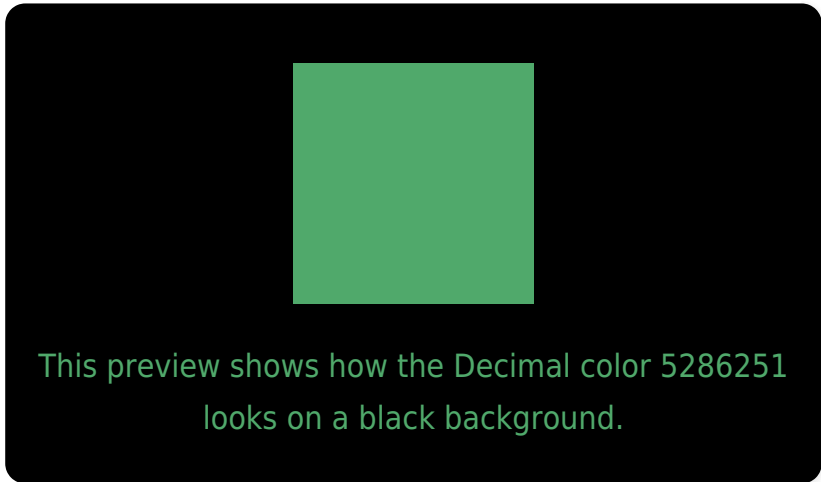
Large Text (above 18pt) WCAG AA × Fail

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

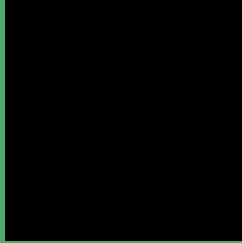
Any Text WCAG AA ✓ Pass

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 5286251 Background



This preview shows how black text looks on a background with the Decimal color 5286251.




This preview shows how white text looks on a background with the Decimal color 5286251.

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
6398382

Trichromacy



Original Color
5286251



Protanomaly
8756582



Deuteranomaly
9345391



Tritanomaly
6005910

Monochromacy



Original Color
5286251



Achromatopsia
8882055



Achromatomaly
7574397

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5286251 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 #50A96B looks like.

```
.text, #text, p{  
    color:#50A96B  
}
```

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 #50A96B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A96B
}
```

Border

The CSS property to change the border of an element to Decimal 5286251 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
#50A96B }
```

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

```
.border{ border-color:#50A96B }
```

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

Here you see how a box with a 4 pixel #50A96B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A96B; -webkit-box-shadow:4px 4px  
4px 4px #50A96B; box-shadow:4px 4px 4px  
4px #50A96B }
```

Background

The CSS property to change the background color of an element to Decimal 5286251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A96B }
```

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

```
.background{ background-color:#50A96B }
```

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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