

Converting Colors

Decimal(5151313)

Have a look what the booklet for
Decimal(5151313) contains.

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Color

Decimal(5151313)

Conversions

Conversions Part 1

Format	Color
Hex	4E9A51
RGB	78, 154, 81
RGB Percent	31%, 60%, 32%
CMY	0.6941, 0.3961, 0.6824
CMYK	0.49, 0.00, 0.47, 0.40
HSL	122°, 33%, 45%
HSV	122°, 49%, 60%
XYZ	16.1827, 25.3250, 11.8199
YIQ	122.9540, -21.8630, -38.8150

Conversions

Conversions Part 2

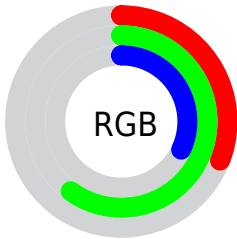
Format	Color
RYB	78, 151, 154
Decimal	5151313
CIELab	57.39, -39.22, 31.13
CIElCh	57, 50.068, 141.558
Yxy	25.3250, 0.3035, 0.4749
Android (android.graphics.Color)	4283341393 (0xFF4E9A51)
YUV	122.9540, -20.6833, -39.4247
Hunter-Lab	50.3239, -30.6666, 21.3010

Details

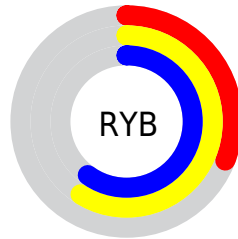
The Decimal color **5151313** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10112663**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8704388**, and **1205793** is the 20% darker color. If you saturate the color by 10%, you get **4168258**, and if you desaturate by 10%, it is **6134368**.

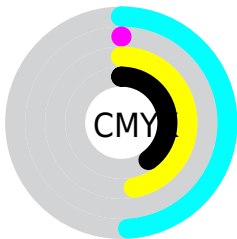
Distribution



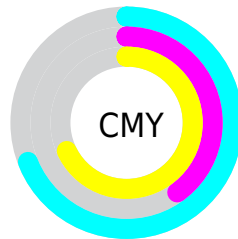
- Red (31%)
- Green (60%)
- Blue (32%)



- Red (31%)
- Yellow (59%)
- Blue (60%)



- Cyan (49%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5151313 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 5151313 by changing the saturation by 10% instead.

 5151313

 5151313

16777215

 3375161

 8704388

 1205793

 10546846

 19721

 12386233

 13824

 14221269

 8448

 16187378

 0

 5151313

 5151313

 4168258

 6134368

 3119667

 7182959

■ 2136613

■ 8166013

■ 1088022

■ 9214604

■ 104967

■ 10197659

■ 39430

■ 11180714

■ 12229305

■ 13212359

■ 14260950

Harmonies

Analogous

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



8622387



5151313



40828

Triad

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



5151313



37600



14312812

Complementary

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



5151313



10112663

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.



13853848



5151313



7832539

Square

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



5151313



39885



11760065



13333062

Rectangle

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



5151313



40858



11760065



14377851

Sweetspot

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



5151313



11258284



9935438



5531220



15132390



6710886

Same Dimension

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



5151313



5491031



5151351



4541765



35846



3329

Inverse Universe

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



10112663



13194181



10112625



5064012



9175175



851980

Previews

White Background



This preview shows how the Decimal color 5151313 looks on a white background.

Color Contrast Check

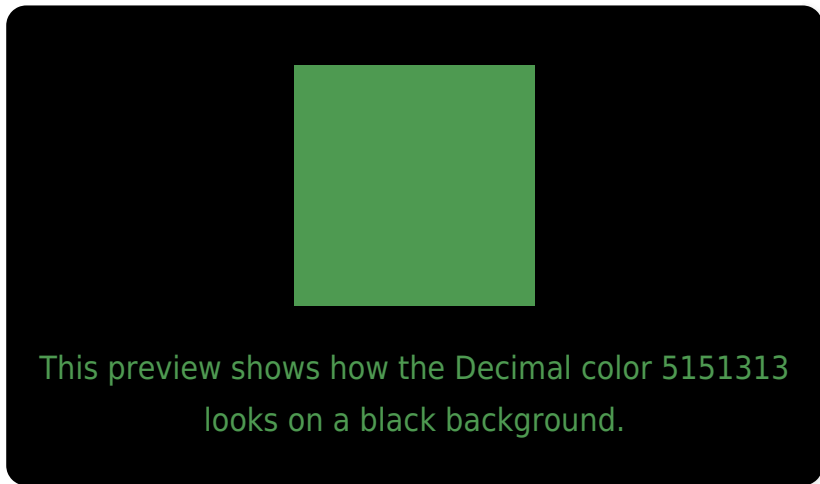
Large Text (above 18pt) WCAG AA ✓ Pass

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

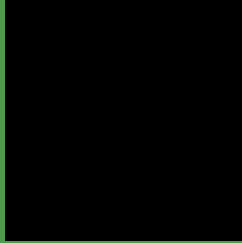
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5151313 Background



This preview shows how black text looks on a background with the Decimal color 5151313.




This preview shows how white text looks on a background with the Decimal color 5151313.

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
6263197

Trichromacy



Original Color
5151313



Protanomaly
8163149



Deuteranomaly
8751957



Tritanomaly
5870721

Monochromacy



Original Color
5151313



Achromatopsia
8092539



Achromatomaly
7046764

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5151313 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 #4E9A51 looks like.

```
.text, #text, p{  
    color:#4E9A51  
}
```

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 #4E9A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9A51
}
```

Border

The CSS property to change the border of an element to Decimal 5151313 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
#4E9A51 }
```

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

```
.border{ border-color:#4E9A51 }
```

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

Here you see how a box with a 4 pixel #4E9A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9A51; -webkit-box-shadow:4px 4px  
4px 4px #4E9A51; box-shadow:4px 4px 4px  
4px #4E9A51 }
```

Background

The CSS property to change the background color of an element to Decimal 5151313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9A51 }
```

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

```
.background{ background-color:#4E9A51 }
```

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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