

Converting Colors

Decimal(5150781)

Have a look what the booklet for
Decimal(5150781) contains.

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Color

Decimal(5150781)

Conversions

Conversions Part 1

Format	Color
Hex	4E983D
RGB	78, 152, 61
RGB Percent	31%, 60%, 24%
CMY	0.6941, 0.4039, 0.7608
CMYK	0.49, 0.00, 0.60, 0.40
HSL	109°, 43%, 42%
HSV	109°, 60%, 60%
XYZ	15.2124, 24.4131, 8.3253
YIQ	119.5000, -14.8930, -43.9890

Conversions

Conversions Part 2

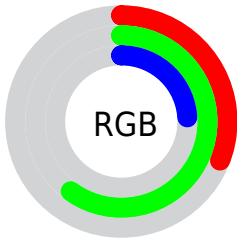
Format	Color
RYB	61, 152, 135
Decimal	5150781
CIELab	56.50, -41.02, 40.11
CIElCh	56, 57.375, 135.645
Yxy	24.4131, 0.3173, 0.5091
Android (android.graphics.Color)	4283340861 (0xFF4E983D)
YUV	119.5000, -28.8405, -36.3955
Hunter-Lab	49.4096, -31.5095, 24.5966

Details

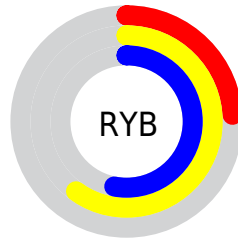
The Decimal color **5150781** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8863128**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **8769392**, and **1139719** is the 20% darker color. If you saturate the color by 10%, you get **4364334**, and if you desaturate by 10%, it is **5937228**.

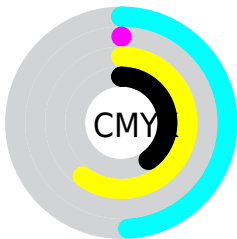
Distribution



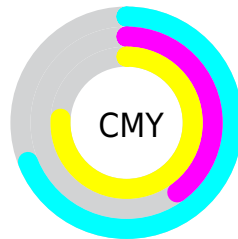
- Red (31%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (53%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)




- Cyan (69%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5150781 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 5150781 by changing the saturation by 10% instead.

 5150781

 5150781

16777215

 3309092

 8769392

 1139719

 10546058

 19200

 12386213

 13312

 14286784

 7936

 16252893

 0

 16777209

 5150781

 5150781

 4364334

 5937228

■ 3512351

■ 6789211

■ 2725903

■ 7575659

■ 1939456

■ 8362106

■ 1873920

■ 9214089

■ 10000536

■ 10852519

■ 11638967

■ 12425414

Harmonies

Analogous

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



8949018



5150781



40557

Triad

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



5150781



38120



14834031

Complementary

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



5150781



8863128

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.



14048162



5150781



5801192

Square

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



5150781



40398



11235278



13985858

Rectangle

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



5150781



40848



11235278



14768000

Sweetspot

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



5150781



11060385



9995837



5399374



14935011



6513507

Same Dimension

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



5150781



5358647



4036696



4607301



1739776



134400

Inverse Universe

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



8863128



11155396



9977213



4932941



7471244



655373

Previews

White Background



This preview shows how the Decimal color 5150781 looks on a white background.

Color Contrast Check

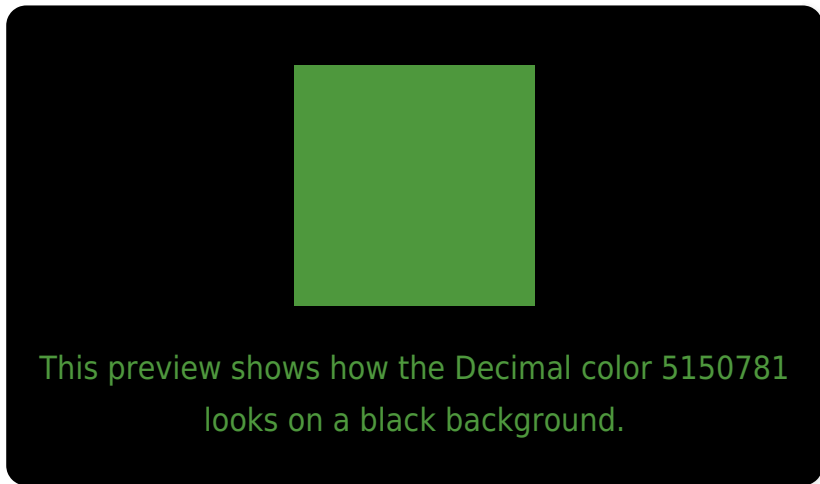
Large Text (above 18pt) WCAG AA ✓ Pass

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

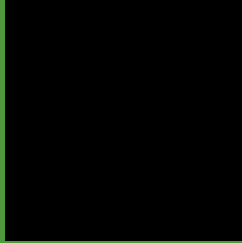
Any Text WCAG AA ✓ Pass

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 5150781 Background



This preview shows how black text looks on a background with the Decimal color 5150781.

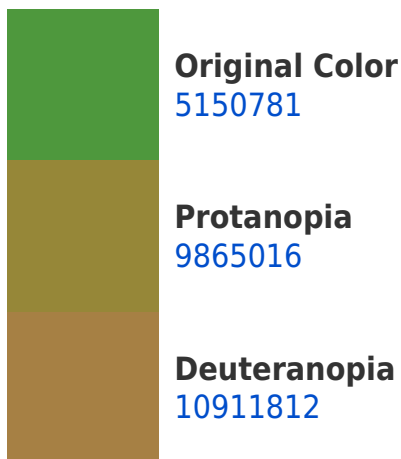


This preview shows how white text looks on a background with the Decimal color 5150781.

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](#).

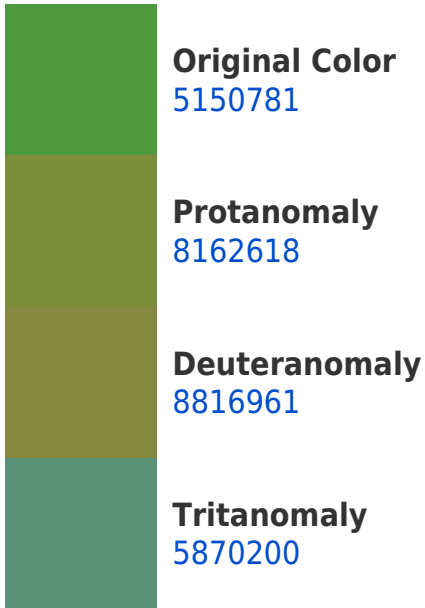
Dichromacy



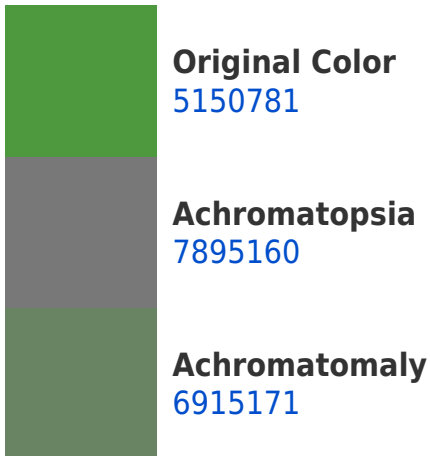


Tritanopia
6328218

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5150781 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 #4E983D looks like.

```
.text, #text, p{  
    color:#4E983D  
}
```

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 #4E983D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E983D
}
```

Border

The CSS property to change the border of an element to Decimal 5150781 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
#4E983D }
```

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

```
.border{ border-color:#4E983D }
```

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

Here you see how a box with a 4 pixel #4E983D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E983D; -webkit-box-shadow:4px 4px  
4px 4px #4E983D; box-shadow:4px 4px 4px  
4px #4E983D }
```

Background

The CSS property to change the background color of an element to Decimal 5150781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E983D }
```

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

```
.background{ background-color:#4E983D }
```

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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