

Converting Colors

Decimal(4961357)

Have a look what the booklet for
Decimal(4961357) contains.

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Color

Decimal(4961357)

Conversions

Conversions Part 1

Format	Color
Hex	4BB44D
RGB	75, 180, 77
RGB Percent	29%, 71%, 30%
CMY	0.7059, 0.2941, 0.6980
CMYK	0.58, 0.00, 0.57, 0.29
HSL	121°, 41%, 50%
HSV	121°, 58%, 71%
XYZ	20.5625, 34.6742, 12.6302
YIQ	136.8630, -29.5170, -54.2930

Conversions

Conversions Part 2

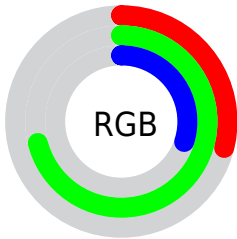
Format	Color
RYB	75, 178, 180
Decimal	4961357
CIELab	65.49, -51.11, 42.97
CIELCh	65, 66.772, 139.947
Yxy	34.6742, 0.3030, 0.5109
Android (android.graphics.Color)	4283151437 (0xFF4BB44D)
YUV	136.8630, -29.5125, -54.2539
Hunter-Lab	58.8848, -40.7165, 28.5022

Details

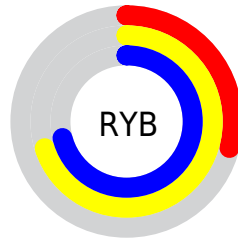
The Decimal color **4961357** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **11815858**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **8777089**, and **32281** is the 20% darker color. If you saturate the color by 10%, you get **3781691**, and if you desaturate by 10%, it is **6141023**.

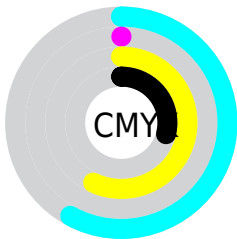
Distribution



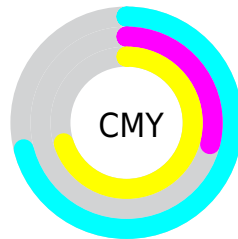
- Red (29%)
- Green (71%)
- Blue (30%)



- Red (29%)
- Yellow (70%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4961357 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 4961357 by changing the saturation by 10% instead.



4961357



4961357

16777215



2791732



8777089



32281



10682268



25600



12582839



19200



14483411



13312



16449520



7168



0



4961357



4961357



3781691



6141023

 2602026

 7320688

 1422360

 8500354

 242694

 9680020

 46083

 10859685

 12039351

 13219017

 14398682

 15578348

Harmonies

Analogous

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



9938972



4961357



47752

Triad

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



4961357



44287



16738170

Complementary

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



4961357



11815858

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.



16738230



4961357



7903487

Square

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



4961357



47098



13860333



16219204

Rectangle

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



4961357



48050



13860333



16737422

Sweetspot

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



4961357



12643265



11711563



5993820



16119285



7697781

Same Dimension

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



4961357



4647754



4961409



5265744



39171



6656

Inverse Universe

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



11815858



15419111



11815806



5853273



10027158



1703961

Previews

White Background



This preview shows how the Decimal color 4961357 looks on a white background.

Color Contrast Check

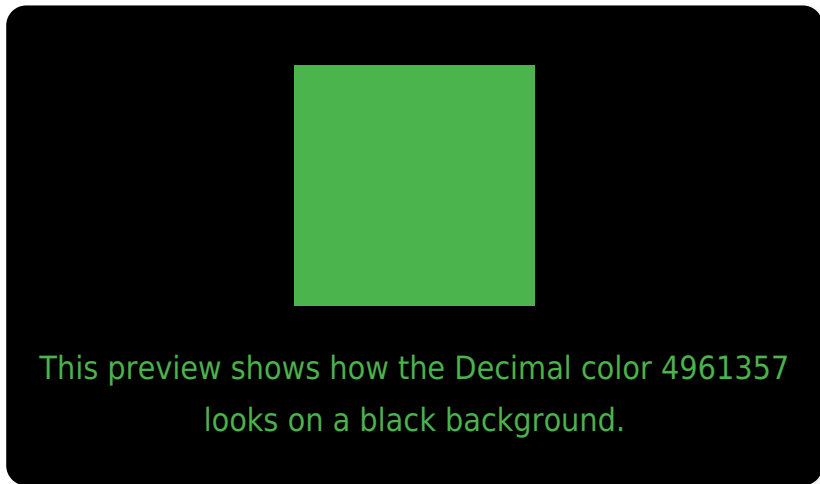
Large Text (above 18pt) WCAG AA × Fail

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

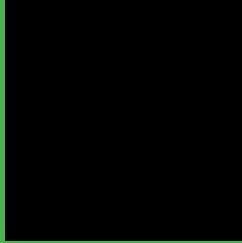
Any Text WCAG AA ✓ Pass

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 4961357 Background



This preview shows how black text looks on a background with the Decimal color 4961357.

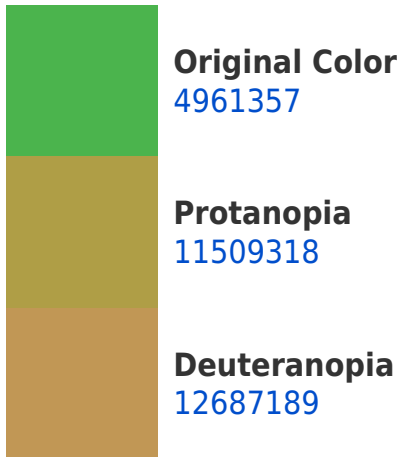


This preview shows how white text looks on a background with the Decimal color 4961357.

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
6597047

Trichromacy



Original Color
4961357



Protanomaly
9152073



Deuteranomaly
9871954



Tritanomaly
6008208

Monochromacy



Original Color
4961357



Achromatopsia
9013641



Achromatomaly
7510387

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4961357 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 #4BB44D looks like.

```
.text, #text, p{  
  color:#4BB44D  
}
```

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 #4BB44D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB44D
}
```

Border

The CSS property to change the border of an element to Decimal 4961357 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
#4BB44D }
```

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

```
.border{ border-color:#4BB44D }
```

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

Here you see how a box with a 4 pixel #4BB44D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB44D; -webkit-box-shadow:4px 4px  
4px 4px #4BB44D; box-shadow:4px 4px 4px  
4px #4BB44D }
```

Background

The CSS property to change the background color of an element to Decimal 4961357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB44D }
```

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

```
.background{ background-color:#4BB44D }
```

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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