

Converting Colors

Decimal(4366156)

Have a look what the booklet for
Decimal(4366156) contains.

Decimal(4366156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4366156)

Conversions

Conversions Part 1

Format	Color
Hex	429F4C
RGB	66, 159, 76
RGB Percent	26%, 62%, 30%
CMY	0.7412, 0.3765, 0.7020
CMYK	0.58, 0.00, 0.52, 0.38
HSL	126°, 41%, 44%
HSV	126°, 58%, 62%
XYZ	15.9494, 26.4763, 11.1073
YIQ	121.7310, -28.7850, -45.5290

Conversions

Conversions Part 2

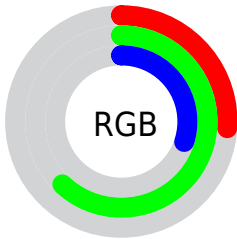
Format	Color
RYB	66, 150, 159
Decimal	4366156
CIELab	58.49, -45.28, 34.97
CIElCh	58, 57.212, 142.315
Yxy	26.4763, 0.2979, 0.4946
Android (android.graphics.Color)	4282556236 (0xFF429F4C)
YUV	121.7310, -22.5454, -48.8761
Hunter-Lab	51.4552, -34.7174, 23.2200

Details

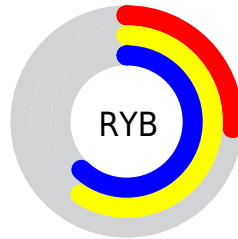
The Decimal color **4366156** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10437269**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **8050559**, and **27163** is the 20% darker color. If you saturate the color by 10%, you get **3317566**, and if you desaturate by 10%, it is **5414746**.

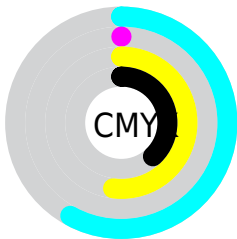
Distribution



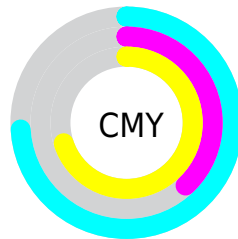
- Red (26%)
- Green (62%)
- Blue (30%)



- Red (26%)
- Yellow (59%)
- Blue (62%)



- Cyan (58%)
- Magenta (0%)
- Yellow (52%)
- Black (38%)



- Cyan (74%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4366156 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 4366156 by changing the saturation by 10% instead.

 4366156

 4366156

16777215

 2262068

 8050559

 27163

 9892761

 20737

 11796404

 14592

 13696976

 9216

 15597549

 0

 4366156

 4366156

 3317566

 5414746

 2268976

 6463336

■ 1220385

■ 7511927

■ 171795

■ 8560517

■ 40721

■ 9609107

■ 10592161

■ 11640751

■ 12689342

■ 13737932

Harmonies

Analogous

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



8557862



4366156



42110

Triad

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



4366156



38640



15163498

Complementary

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



4366156



10437269

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.



14770076



4366156



7767530

Square

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



4366156



41179



12414923



13988414

Rectangle

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



4366156



42401



12414923



15228538

Sweetspot

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



4366156



11128749



9871170



5400916



15263976



6908265

Same Dimension

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



4366156



4116302



4366202



4673352



36623



3842

Inverse Universe

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



10437269



13582015



10437223



5195598



9371775



983054

Previews

White Background



This preview shows how the Decimal color 4366156 looks on a white background.

Color Contrast Check

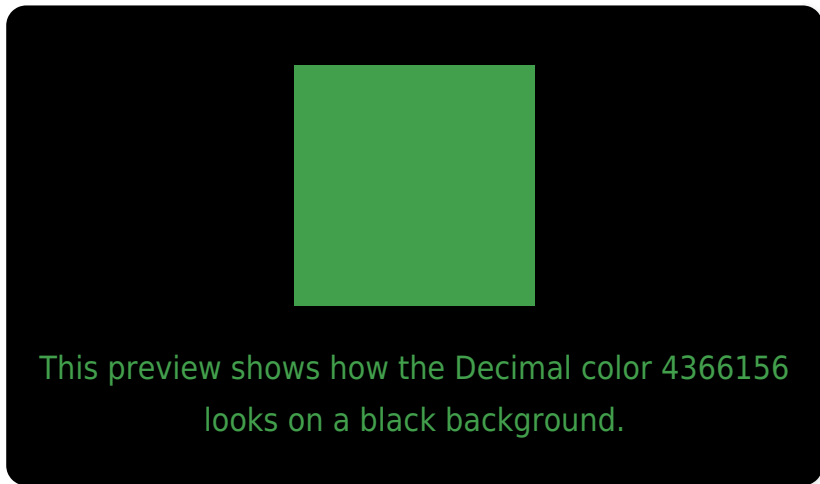
Large Text (above 18pt) WCAG AA ✓ Pass

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

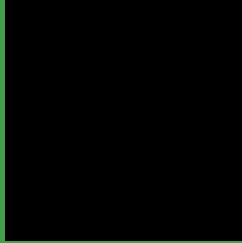
Any Text WCAG AA ✓ Pass

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 4366156 Background



This preview shows how black text looks on a background with the Decimal color 4366156.




This preview shows how white text looks on a background with the Decimal color 4366156.

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



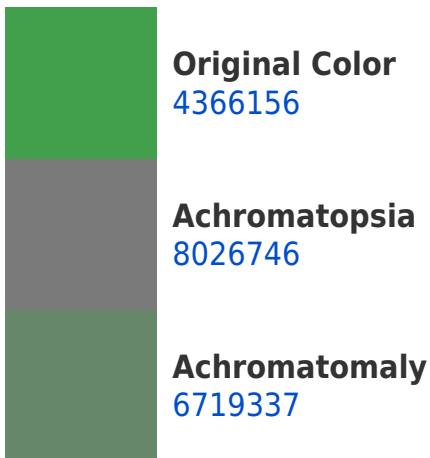


Tritanopia
5740194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4366156 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 #429F4C looks like.

```
.text, #text, p{  
    color:#429F4C  
}
```

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 #429F4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #429F4C
}
```

Border

The CSS property to change the border of an element to Decimal 4366156 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
#429F4C }
```

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

```
.border{ border-color:#429F4C }
```

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

Here you see how a box with a 4 pixel #429F4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #429F4C; -webkit-box-shadow:4px 4px  
4px 4px #429F4C; box-shadow:4px 4px 4px  
4px #429F4C }
```

Background

The CSS property to change the background color of an element to Decimal 4366156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#429F4C }
```

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

```
.background{ background-color:#429F4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor