

Converting Colors

Decimal(5166911)

Have a look what the booklet for
Decimal(5166911) contains.

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Color

Decimal(5166911)

Conversions

Conversions Part 1

Format	Color
Hex	4ED73F
RGB	78, 215, 63
RGB Percent	31%, 84%, 25%
CMY	0.6941, 0.1569, 0.7529
CMYK	0.64, 0.00, 0.71, 0.16
HSL	114°, 66%, 55%
HSV	114°, 71%, 84%
XYZ	28.3395, 50.5795, 12.9718
YIQ	156.7090, -32.8600, -76.3160

Conversions

Conversions Part 2

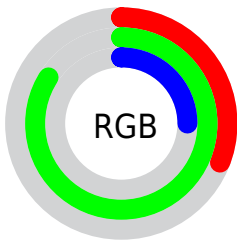
Format	Color
RYB	63, 215, 200
Decimal	5166911
CIELab	76.42, -64.35, 60.94
CIELCh	76, 88.623, 136.557
Yxy	50.5795, 0.3084, 0.5504
Android (android.graphics.Color)	4283356991 (0xFF4ED73F)
YUV	156.7090, -46.1985, -69.0278
Hunter-Lab	71.1192, -53.3302, 38.9693

Details

The Decimal color **5166911** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **13123543**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **9371511**, and **40704** is the 20% darker color. If you saturate the color by 10%, you get **3921706**, and if you desaturate by 10%, it is **6412117**.

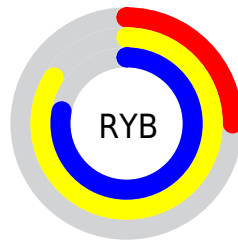
Distribution



Red (31%)

Green (84%)

Blue (25%)



Red (25%)

Yellow (84%)

Blue (78%)

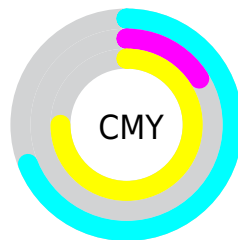


Cyan (64%)

Magenta (0%)

Yellow (71%)

Black (16%)



Cyan (69%)

Magenta (16%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5166911 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 5166911 by changing the saturation by 10% instead.

 5166911

 5166911

16777215

 2538272

 9371511

 40704

 11337618

 33792

 13369263

 26880

 15335371


 20480

 16777192

 14336

 7680

 0

 5166911

 5166911

■ 3921706

■ 6412117

■ 2610964

■ 7722858

■ 1431296

■ 8968063

■ 10278805

■ 11524011

■ 12769216

■ 14079958

■ 15325163

■ 16570367

Harmonies

Analogous

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



12044032



5166911



57236

Triad

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



5166911



53759



16737683

Complementary

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



5166911



13123543

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.



16739045



5166911



6076415

Square

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



5166911



57087



16290047



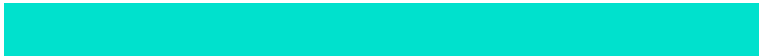
16746054

Rectangle

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



5166911



57805



16290047



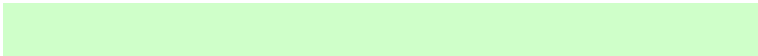
16736686

Sweetspot

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



5166911



13631433



14141503



6520928



0



8421504

Same Dimension

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



5166911



3997478



4183932



6384480



1157888



273152

Inverse Universe

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



13123543



15345407



14106522



6971499



10092715



2555947

Previews

White Background



This preview shows how the Decimal color 5166911 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



This preview shows how the Decimal color 5166911 looks on a 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 5166911 Background



This preview shows how black text looks on a background with the Decimal color 5166911.

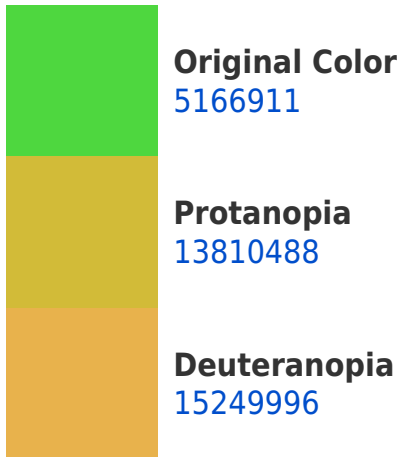


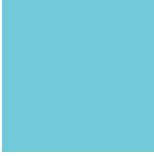
This preview shows how white text looks on a background with the Decimal color 5166911.

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
7522777

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5166911 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 #4ED73F looks like.

```
.text, #text, p{  
    color:#4ED73F  
}
```

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 #4ED73F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED73F
}
```

Border

The CSS property to change the border of an element to Decimal 5166911 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
#4ED73F }
```

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

```
.border{ border-color:#4ED73F }
```

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

Here you see how a box with a 4 pixel #4ED73F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED73F; -webkit-box-shadow:4px 4px  
4px 4px #4ED73F; box-shadow:4px 4px 4px  
4px #4ED73F }
```

Background

The CSS property to change the background color of an element to Decimal 5166911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED73F }
```

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

```
.background{ background-color:#4ED73F }
```

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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