

Converting Colors

Decimal(5166881)

Have a look what the booklet for
Decimal(5166881) contains.

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Color

Decimal(5166881)

Conversions

Conversions Part 1

Format	Color
Hex	4ED721
RGB	78, 215, 33
RGB Percent	31%, 84%, 13%
CMY	0.6941, 0.1569, 0.8706
CMYK	0.64, 0.00, 0.85, 0.16
HSL	105°, 73%, 49%
HSV	105°, 85%, 84%
XYZ	27.7168, 50.3304, 9.6928
YIQ	153.2890, -23.2300, -85.6460

Conversions

Conversions Part 2

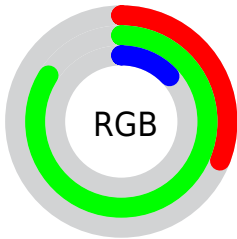
Format	Color
RYB	33, 215, 170
Decimal	5166881
CIELab	76.27, -66.16, 69.79
CIELCh	76, 96.160, 133.469
Yxy	50.3304, 0.3159, 0.5736
Android (android.graphics.Color)	4283356961 (0xFF4ED721)
YUV	153.2890, -59.3025, -66.0285
Hunter-Lab	70.9439, -54.4143, 41.5602

Details

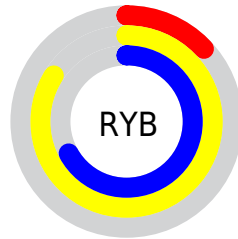
The Decimal color **5166881** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **11149783**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9437025**, and **40704** is the 20% darker color. If you saturate the color by 10%, you get **4118283**, and if you desaturate by 10%, it is **6215478**.

Distribution



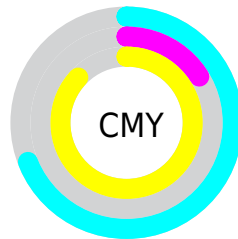
- Red (31%)
- Green (84%)
- Blue (13%)



- Red (13%)
- Yellow (84%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (85%)
- Black (16%)



- Cyan (69%)
- Magenta (16%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5166881 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 5166881 by changing the saturation by 10% instead.



5166881



5166881

16777215



2407168



9437025



40704



11468669



33792



13434778



26880



15466423



20480



16777172



14336



16777201



7680



0



5166881



5166881

■ 4118283

■ 6215478

■ 3528448

■ 7264076

■ 8378209

■ 9426807

■ 10475404

■ 11524002

■ 12572600

■ 13621197

■ 14735331

Harmonies

Analogous

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



12436736



5166881



57478

Triad

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



5166881



54527



16732824

Complementary

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



5166881



11149783

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.



16736241



5166881



47871

Square

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



5166881



57599



15765503



16742979

Rectangle

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



5166881



58308



15765503



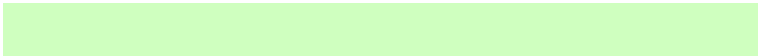
16732086

Sweetspot

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



5166881



13631423



14133793



6520921



0



8421504

Same Dimension

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



5166881



4194048



2217806



6515552



2796288



731904

Inverse Universe

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



11149783



12583167



14098858



6840427



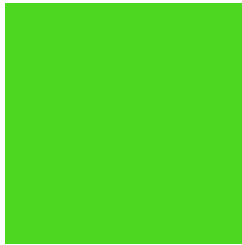
8454315



2162731

Previews

White Background



This preview shows how the Decimal color 5166881 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 5166881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

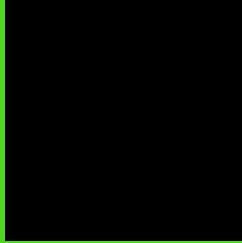
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

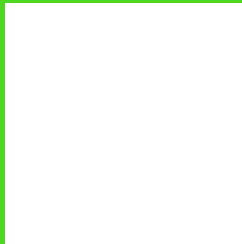
Any Text WCAG AAA ✓ Pass

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

Decimal 5166881 Background



This preview shows how black text looks on a background with the Decimal color 5166881.

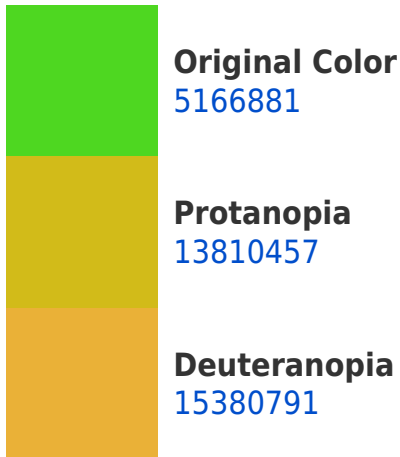


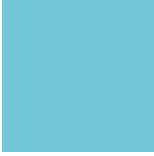
This preview shows how white text looks on a background with the Decimal color 5166881.

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
7588056

Trichromacy



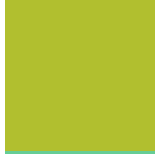
Original Color

5166881



Protanomaly

10667292



Deuteranomaly

11648815



Tritanomaly

6737301

Monochromacy



Original Color

5166881



Achromatopsia

10066329



Achromatomaly

8302701

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5166881 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 #4ED721 looks like.

```
.text, #text, p{  
  color:#4ED721  
}
```

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 #4ED721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED721
}
```

Border

The CSS property to change the border of an element to Decimal 5166881 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
#4ED721 }
```

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

```
.border{ border-color:#4ED721 }
```

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

Here you see how a box with a 4 pixel #4ED721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED721; -webkit-box-shadow:4px 4px  
4px 4px #4ED721; box-shadow:4px 4px 4px  
4px #4ED721 }
```

Background

The CSS property to change the background color of an element to Decimal 5166881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED721 }
```

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

```
.background{ background-color:#4ED721 }
```

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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