

Converting Colors

Decimal(5088001)

Have a look what the booklet for
Decimal(5088001) contains.

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Color

Decimal(5088001)

Conversions

Conversions Part 1

Format	Color
Hex	4DA301
RGB	77, 163, 1
RGB Percent	30%, 64%, 0%
CMY	0.6980, 0.3608, 0.9961
CMYK	0.53, 0.00, 0.99, 0.36
HSL	92°, 99%, 32%
HSV	92°, 99%, 64%
XYZ	16.1632, 27.7744, 4.5378
YIQ	118.8180, 0.7460, -68.6140

Conversions

Conversions Part 2

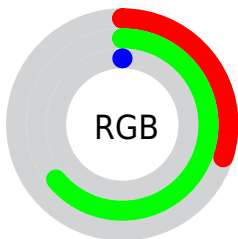
Format	Color
R_{YB}	1, 163, 87
Decimal	5088001
CIE Lab	59.68, -49.21, 61.15
CIE LCh	60, 78.493, 128.827
Yxy	27.7744, 0.3334, 0.5730
Android (android.graphics.Color)	4283278081 (0xFF4DA301)
YUV	118.8180, -58.0843, -36.6744
Hunter-Lab	52.7014, -37.4824, 31.7858

Details

The Decimal color **5088001** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5702051**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8903497**, and **28160** is the 20% darker color. If you saturate the color by 10%, you get **5022464**, and if you desaturate by 10%, it is **5677841**.

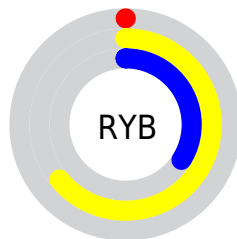
Distribution



Red (30%)

Green (64%)

Blue (0%)



Red (0%)

Yellow (64%)

Blue (34%)

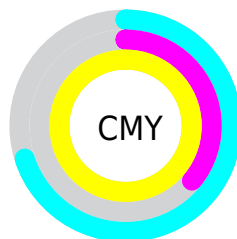


Cyan (53%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (70%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5088001 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 5088001 by changing the saturation by 10% instead.

 5088001

 5088001

16777215

 2983936

 8903497

 28160

 10811237

 21760

 12713856

 15616

 14614428

 9984

 16580536

 0

 16777173

 16777202

 5088001

 5088001

■ 5022464

■ 5677841

■ 6202146

■ 6791986

■ 7381826

■ 7906130

■ 8495971

■ 9085811

■ 9610115

■ 10199956

Harmonies

Analogous

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



10195712



5088001



43867

Triad

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



5088001



42495



16727166

Complementary

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



5088001



5702051

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.



15748547



5088001



37631

Square

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



5088001



44517



11170813



16471868

Rectangle

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



5088001



44683



11170813



16727190

Sweetspot

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



5088001



11719828



10704129



5729093



15461355



7039851

Same Dimension

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



5088001



6542336



107268



5067337



4493568



528896

Inverse Universe

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



5702051



7340244



10682784



5130578



5046417



589842

Previews

White Background



This preview shows how the Decimal color 5088001 looks on a white background.

Color Contrast Check

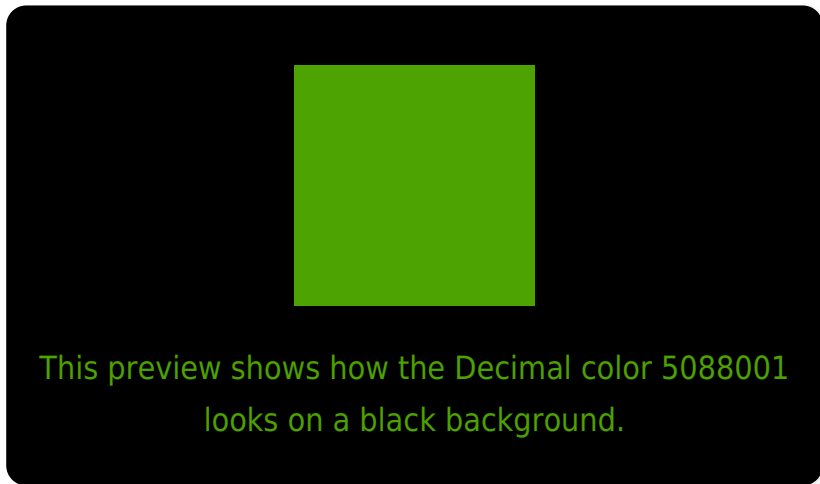
Large Text (above 18pt) WCAG AA ✓ Pass

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 5088001 Background



This preview shows how black text looks on a background with the Decimal color 5088001.



This preview shows how white text looks on a background with the Decimal color 5088001.

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



Original Color
5088001

Protanopia
10587904

Deuteranopia
11831330



Tritanopia
6592676

Trichromacy



Original Color
5088001



Protanomaly
8558080



Deuteranomaly
9409046



Tritanomaly
6069353

Monochromacy



Original Color
5088001



Achromatopsia
7829367



Achromatomaly
6850380

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5088001 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 #4DA301 looks like.

```
.text, #text, p{  
    color:#4DA301  
}
```

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 #4DA301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA301
}
```

Border

The CSS property to change the border of an element to Decimal 5088001 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
#4DA301 }
```

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

```
.border{ border-color:#4DA301 }
```

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

Here you see how a box with a 4 pixel #4DA301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA301; -webkit-box-shadow:4px 4px  
4px 4px #4DA301; box-shadow:4px 4px 4px  
4px #4DA301 }
```

Background

The CSS property to change the background color of an element to Decimal 5088001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA301 }
```

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

```
.background{ background-color:#4DA301 }
```

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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