

# Converting Colors

Decimal(4705829)

Have a look what the booklet for  
Decimal(4705829) contains.

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# **Color**

**Decimal(4705829)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47CE25
RGB	71, 206, 37
RGB Percent	28%, 81%, 15%
CMY	0.7216, 0.1922, 0.8549
CMYK	0.66, 0.00, 0.82, 0.19
HSL	108°, 70%, 48%
HSV	108°, 82%, 81%
XYZ	25.0038, 45.6158, 9.2372
YIQ	146.3690, -26.2110, -81.1790

# Conversions

## Conversions Part 2

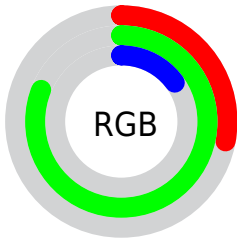
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 206, 172
Decimal	4705829
CIELab	73.30, -64.52, 66.08
CIELCh	73, 92.353, 134.316
Yxy	45.6158, 0.3131, 0.5712
Android (android.graphics.Color)	4282895909 (0xFF47CE25)
YUV	146.3690, -53.9189, -66.0986
Hunter-Lab	67.5395, -52.1116, 39.1687

# Details

The Decimal color **4705829** 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 **11281870**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8978274**, and **38400** is the 20% darker color. If you saturate the color by 10%, you get **3657232**, and if you desaturate by 10%, it is **5754426**.

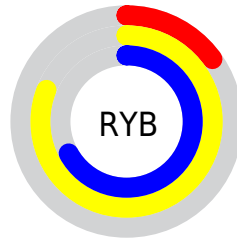
# Distribution



Red (28%)

Green (81%)

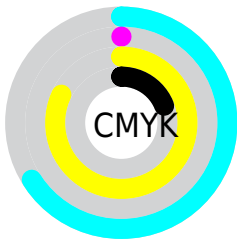
Blue (15%)



Red (15%)

Yellow (81%)

Blue (67%)

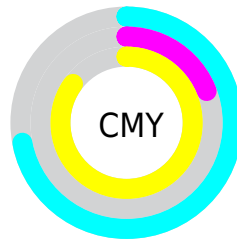


Cyan (66%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (72%)

Magenta (19%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4705829 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 4705829 by changing the saturation by 10% instead.





4705829



4705829

16777215



1749504



8978274



38400



11009918



31488



12976026



24832



15007671



18432



16777172



12544



16777201



5120



0



4705829



4705829

■ 3657232

■ 5754426

■ 2739712

■ 6868558

■ 7917155

■ 9031287

■ 10079884

■ 11194017

■ 12242613

■ 13356746

■ 14405342

# Harmonies

## Analogous

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



11779328



4705829



55171

# Triad

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



4705829



51967



16732559

# Complementary

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



4705829



11281870

# 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.



16735204



4705829



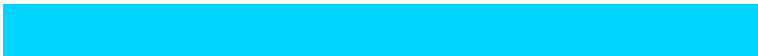
45567

# Square

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



4705829



55039



15304959



16742206

# Rectangle

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



4705829



55742



15304959



16731564

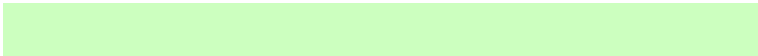


# Sweetspot

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



4705829



13434815



13543717



6389849



0



8421504



# Same Dimension

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



4705829



3669765



2477653



6186588



2205184



534016



# Inverse Universe

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



11281870



13436415



13510046



6577254



8650918

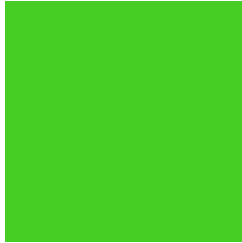


2031654



# Previews

## White Background



This preview shows how the Decimal color 4705829 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 4705829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

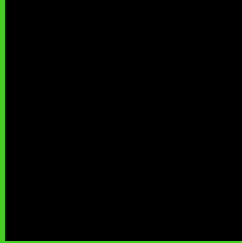
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4705829 Background



This preview shows how black text looks on a background with the Decimal color 4705829.



This preview shows how white text looks on a background with the Decimal color 4705829.

# 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](#).

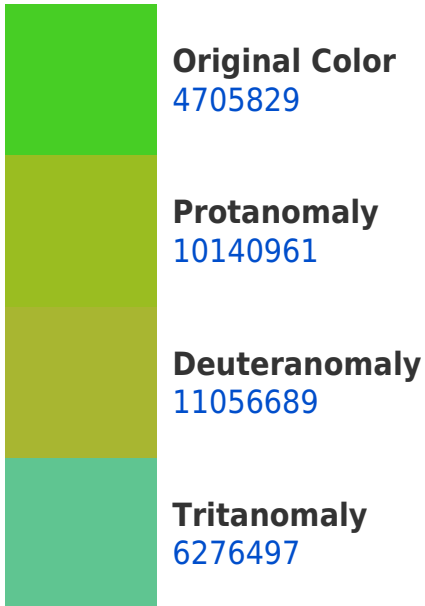
## Dichromacy





**Tritanopia**  
7127247

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4705829 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 #47CE25 looks like.

```
.text, #text, p{  
    color:#47CE25  
}
```

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 #47CE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47CE25
}
```

## Border

The CSS property to change the border of an element to Decimal 4705829 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
#47CE25 }
```

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

```
.border{ border-color:#47CE25 }
```

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

Here you see how a box with a 4 pixel #47CE25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47CE25; -webkit-box-shadow:4px 4px  
4px 4px #47CE25; box-shadow:4px 4px 4px  
4px #47CE25 }
```

# Background

The CSS property to change the background color of an element to Decimal 4705829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47CE25 }
```

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

```
.background{ background-color:#47CE25 }
```

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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