

# Converting Colors

Decimal(7184930)

Have a look what the booklet for  
Decimal(7184930) contains.

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# Color

**Decimal(7184930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DA222
RGB	109, 162, 34
RGB Percent	43%, 64%, 13%
CMY	0.5725, 0.3647, 0.8667
CMYK	0.33, 0.00, 0.79, 0.36
HSL	85°, 65%, 38%
HSV	85°, 79%, 64%
XYZ	19.5157, 29.2074, 6.1224
YIQ	131.5610, 9.5000, -51.0440

# Conversions

## Conversions Part 2

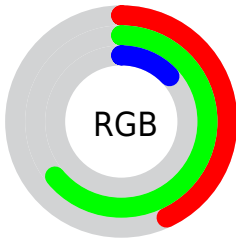
Format	Color
<a href="#">RYB</a>	<a href="#">34, 162, 87</a>
Decimal	<a href="#">7184930</a>
CIELab	<a href="#">60.96, -36.77, 56.08</a>
CIELCh	<a href="#">61, 67.054, 123.252</a>
Yxy	<a href="#">29.2074, 0.3558, 0.5325</a>
Android (android.graphics.Color)	<a href="#">4285375010 (0xFF6DA222)</a>
YUV	<a href="#">131.5610, -48.0976, -19.7860</a>
Hunter-Lab	<a href="#">54.0438, -30.1187, 31.1140</a>

# Details

The Decimal color **7184930** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5710498**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **10869082**, and **3567104** is the 20% darker color. If you saturate the color by 10%, you get **6726162**, and if you desaturate by 10%, it is **7643698**.

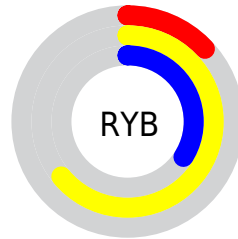
# Distribution



Red (43%)

Green (64%)

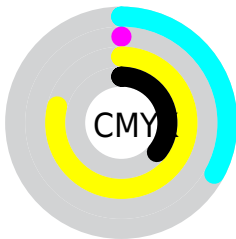
Blue (13%)



Red (13%)

Yellow (64%)

Blue (34%)

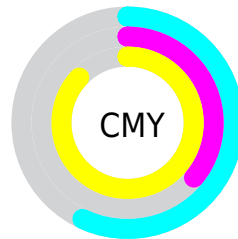


Cyan (33%)

Magenta (0%)

Yellow (79%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7184930 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 7184930 by changing the saturation by 10% instead.





7184930



7184930

16777215



5408768



10869082



3567104



12711541



1660160



14614416



15616



16580524



10240



16777160



1792



16777189



0



7184930



7184930



6726162



7643698

■ 6332930

■ 8036930

■ 6267392

■ 8495699

■ 8954467

■ 9413235

■ 9806467

■ 10265235

■ 10724004

■ 11117236

# Harmonies

## Analogous

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



11178752



7184930



43867

# Triad

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



7184930



43005



16471695

# Complementary

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



7184930



5710498

# Split Complementary

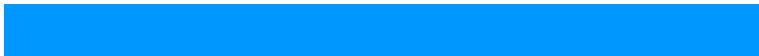
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



14640586



7184930



39167

# Square

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



7184930



44755



10191095



16212566

# Rectangle

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



7184930



44675



10191095



16144547



# Sweetspot

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



7184930



12571809



10638626



6187852



15461355



7039851



# Same Dimension

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



7184930



8442891



3121698



5132873



5607680



659968



# Inverse Universe

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



5710498



6163412



9773730



5065042



3932305



458770



# Previews

## White Background



This preview shows how the Decimal color 7184930 looks on a white background.

## Color Contrast Check

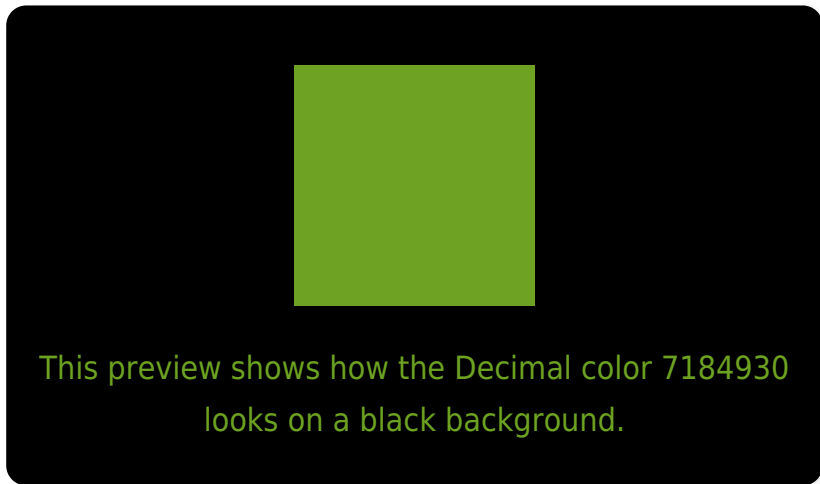
Large Text (above 18pt) WCAG AA ✓ Pass

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 7184930 Background



This preview shows how black text looks on a background with the Decimal color 7184930.



This preview shows how white text looks on a background with the Decimal color 7184930.

# 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**  
7184930

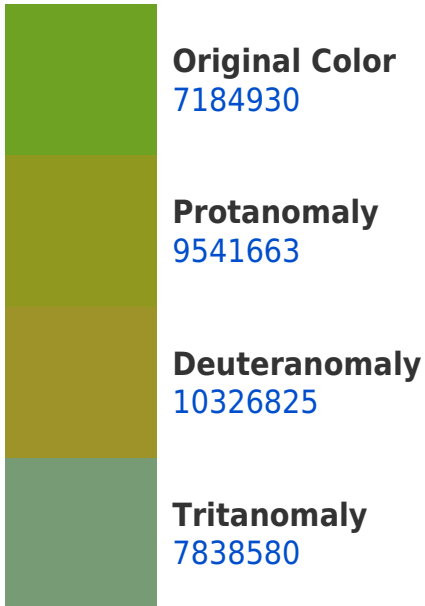
**Protanopia**  
10851102

**Deuteranopia**  
12094253

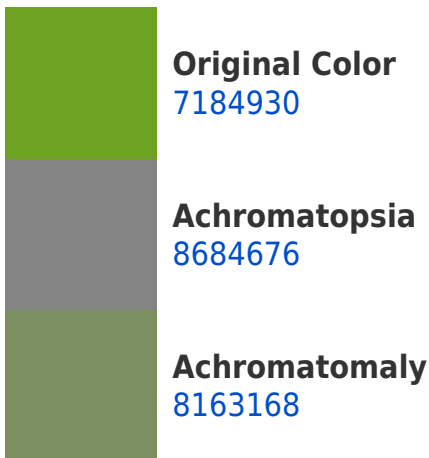


**Tritanopia**  
8230819

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7184930 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 #6DA222 looks like.

```
.text, #text, p{  
    color:#6DA222  
}
```

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 #6DA222 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA222
}
```

## Border

The CSS property to change the border of an element to Decimal 7184930 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
#6DA222 }
```

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

```
.border{ border-color:#6DA222 }
```

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

Here you see how a box with a 4 pixel #6DA222 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA222; -webkit-box-shadow:4px 4px  
4px 4px #6DA222; box-shadow:4px 4px 4px  
4px #6DA222 }
```

# Background

The CSS property to change the background color of an element to Decimal 7184930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA222 }
```

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

```
.background{ background-color:#6DA222 }
```

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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