

Converting Colors

Decimal(48421)

Have a look what the booklet for
Decimal(48421) contains.

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Color

Decimal(48421)

Conversions

Conversions Part 1

Format	Color
Hex	00BD25
RGB	0, 189, 37
RGB Percent	0%, 74%, 15%
CMY	1.0000, 0.2588, 0.8549
CMYK	1.00, 0.00, 0.80, 0.26
HSL	132°, 100%, 37%
HSV	132°, 100%, 74%
XYZ	18.5315, 36.5288, 7.8243
YIQ	115.1610, -63.8520, -87.3400

Conversions

Conversions Part 2

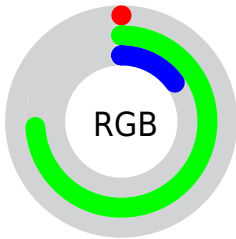
Format	Color
RYB	0, 158, 189
Decimal	48421
CIELab	66.92, -67.49, 59.82
CIElCh	67, 90.186, 138.449
Yxy	36.5288, 0.2947, 0.5809
Android (android.graphics.Color)	4278238501 (0xFF00BD25)
YUV	115.1610, -38.5334, -100.9962
Hunter-Lab	60.4390, -51.0375, 34.6318

Details

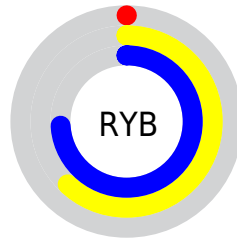
The Decimal color **48421** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **12386456**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **6616927**, and **34304** is the 20% darker color. If you saturate the color by 10%, you get **48421**, and if you desaturate by 10%, it is **1293620**.

Distribution



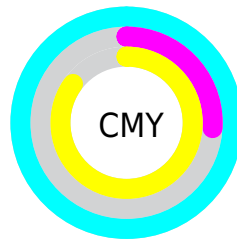
- Red (0%)
- Green (74%)
- Blue (15%)



- Red (0%)
- Yellow (62%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (80%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48421 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 48421 by changing the saturation by 10% instead.

 48421	 48421
 16777215	 41216
 6616927	 34304
 8716154	 27392
 10747798	 20736
 12779442	 14592
 14811087	 8192
 16777196	 0

 48421

 1293620

 2538819

 3784019


 5029218

 6274417

 7454080

 8699279

 9944479

 11189678

Harmonies

Analogous

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



9809408



48421



50304

Triad

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



48421



46847



16728437

Complementary

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



48421



12386456

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.



16729030



48421



3972095

Square

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



48421



50175



14840575



16739621

Rectangle

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



48421



50872



14840575



16726416

Sweetspot

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



48421



11269562



10140928



5143127



16448250



8026746

Same Dimension

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



48421



62768



48513



5594711



40479



7942

Inverse Universe

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



12386456



16056517



12386364



6182237



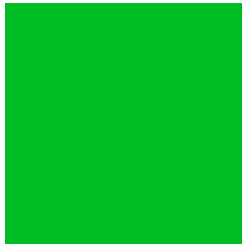
10354815



2031641

Previews

White Background



This preview shows how the Decimal color 48421 looks on a white background.

Color Contrast Check

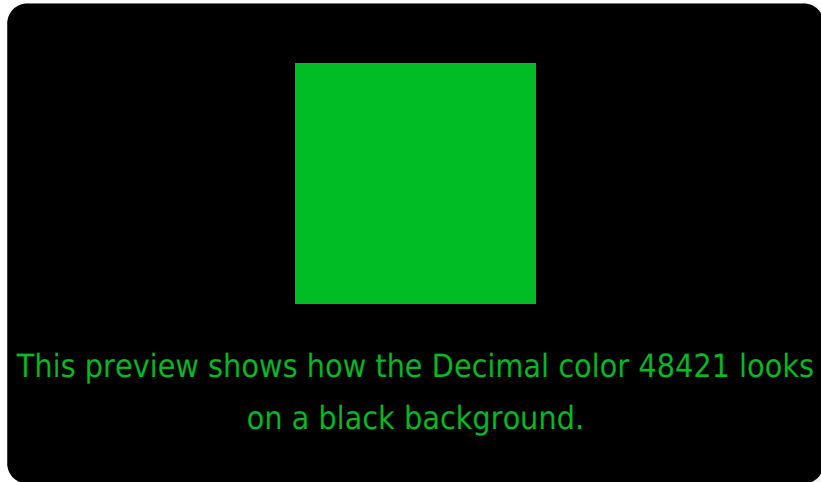
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 48421 Background



This preview shows how black text looks on a background with the Decimal color 48421.

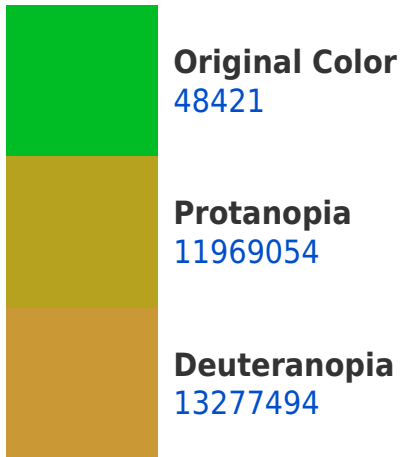


This preview shows how white text looks on a background with the Decimal color 48421.

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



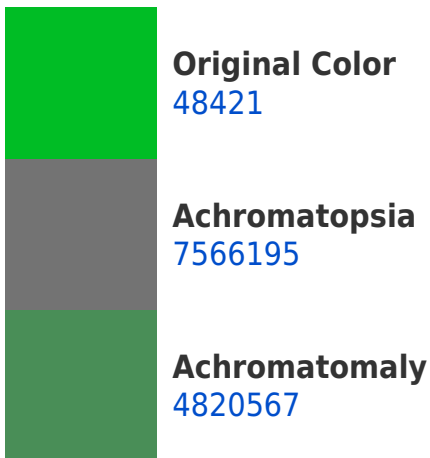


Tritanopia
5157054

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 48421 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 #00BD25 looks like.

```
.text, #text, p{  
    color:#00BD25  
}
```

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 #00BD25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BD25
}
```

Border

The CSS property to change the border of an element to Decimal 48421 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
#00BD25 }
```

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

```
.border{ border-color:#00BD25 }
```

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

Here you see how a box with a 4 pixel #00BD25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BD25; -webkit-box-shadow:4px 4px  
4px 4px #00BD25; box-shadow:4px 4px 4px  
4px #00BD25 }
```

Background

The CSS property to change the background color of an element to Decimal 48421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BD25 }
```

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

```
.background{ background-color:#00BD25 }
```

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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