

# Converting Colors

Decimal(47632)

Have a look what the booklet for  
Decimal(47632) contains.

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# **Color**

**Decimal(47632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BA10
RGB	0, 186, 16
RGB Percent	0%, 73%, 6%
CMY	1.0000, 0.2706, 0.9373
CMYK	1.00, 0.00, 0.91, 0.27
HSL	125°, 100%, 36%
HSV	125°, 100%, 73%
XYZ	17.6524, 35.1552, 6.3455
YIQ	111.0060, -56.2860, -92.3020

# Conversions

## Conversions Part 2

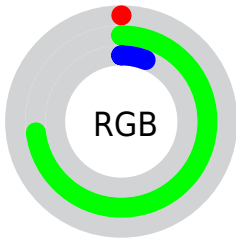
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 171, 186
Decimal	47632
CIELab	65.87, -67.61, 63.61
CIELCh	66, 92.834, 136.746
Yxy	35.1552, 0.2984, 0.5943
Android (android.graphics.Color)	4278237712 (0xFF00BA10)
YUV	111.0060, -46.8380, -97.3523
Hunter-Lab	59.2918, -50.6175, 35.1590

# Details

The Decimal color **47632** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **12189866**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **6616147**, and **33536** is the 20% darker color. If you saturate the color by 10%, you get **47632**, and if you desaturate by 10%, it is **1292833**.

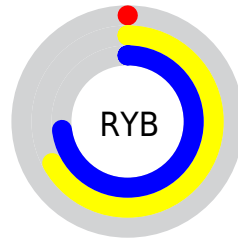
# Distribution



Red (0%)

Green (73%)

Blue (6%)



Red (0%)

Yellow (67%)

Blue (73%)

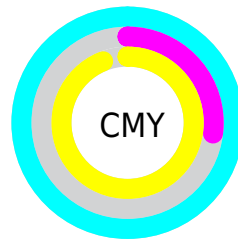


Cyan (100%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (100%)

Magenta (27%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 47632 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 47632 by changing the saturation by 10% instead.



 47632  47632

16777215  40448

 6616147  33536

 8716143  26624

 10747787  20224

 12779431  14080

 14811075  7424

 16777184  0

16777214

 47632

 1292833

 2472498

 3717699

 4897364

 6142565

 7387766

 8567431

 9812632

 10992297

# Harmonies

## Analogous

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



9874176



47632



49527

# Triad

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



47632



46591



16724854

# Complementary

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



47632



12189866

# Split Complementary

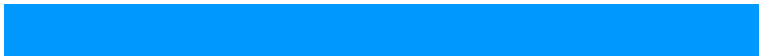
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16726729



47632



39679

# Square

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



47632



49663



14381055



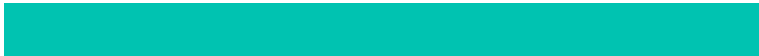
16737570

# Rectangle

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



47632



50097



14381055



16722321



# Sweetspot

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



47632



11203248



11254272



5143122



16448250



8026746



# Same Dimension

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



47632



61973



47725



5463123



39949



7170



# Inverse Universe

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



12189866



15859933



12189773



6050651



10223758

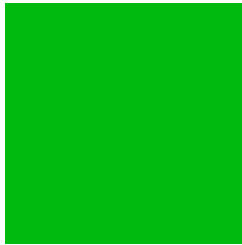


1835034



# Previews

## White Background



This preview shows how the Decimal color 47632 looks on a white background.

## Color Contrast Check

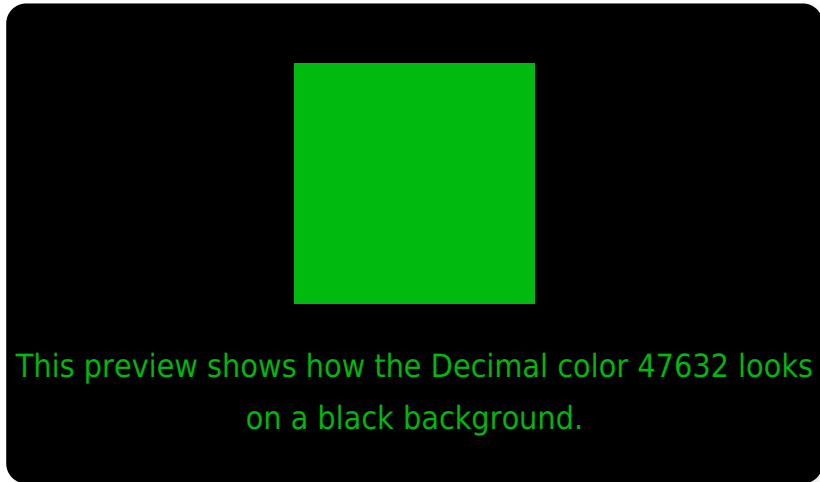
Large Text (above 18pt) WCAG AA × Fail

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 47632 Background



This preview shows how black text looks on a background with the Decimal color 47632.

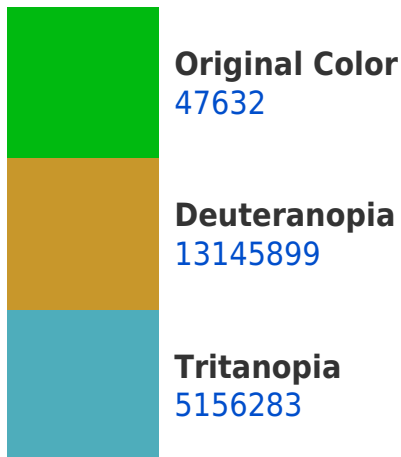


This preview shows how white text looks on a background with the Decimal color 47632.

# 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



# Trichromacy



**Original Color**

47632



**Deuteranomaly**

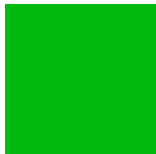
8365089



**Tritanomaly**

3322493

# Monochromacy



**Original Color**

47632



**Achromatopsia**

7303023



**Achromatomaly**

4688460

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 47632 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 #00BA10 looks like.

```
.text, #text, p{  
    color:#00BA10  
}
```

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 #00BA10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA10
}
```

## Border

The CSS property to change the border of an element to Decimal 47632 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
#00BA10 }
```

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

```
.border{ border-color:#00BA10 }
```

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

Here you see how a box with a 4 pixel #00BA10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA10; -webkit-box-shadow:4px 4px  
4px 4px #00BA10; box-shadow:4px 4px 4px  
4px #00BA10 }
```

# Background

The CSS property to change the background color of an element to Decimal 47632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA10 }
```

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

```
.background{ background-color:#00BA10 }
```

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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