

# Converting Colors

Decimal(37432)

Have a look what the booklet for  
Decimal(37432) contains.

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# Color

**Decimal(37432)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009238
RGB	0, 146, 56
RGB Percent	0%, 57%, 22%
CMY	1.0000, 0.4275, 0.7804
CMYK	1.00, 0.00, 0.62, 0.43
HSL	143°, 100%, 29%
HSV	143°, 100%, 57%
XYZ	10.9927, 20.8433, 7.1852
YIQ	92.0860, -58.1260, -58.9420

# Conversions

## Conversions Part 2

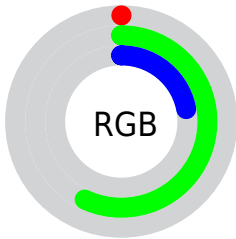
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 106, 146</a>
Decimal	<a href="#">37432</a>
CIELab	<a href="#">52.78, -52.85, 37.76</a>
CIELCh	<a href="#">53, 64.952, 144.453</a>
Yxy	<a href="#">20.8433, 0.2817, 0.5342</a>
Android (android.graphics.Color)	<a href="#">4278227512 (0xFF009238)</a>
YUV	<a href="#">92.0860, -17.7904, -80.7594</a>
Hunter-Lab	<a href="#">45.6545, -36.9160, 22.6270</a>

# Details

The Decimal color **37432** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9568346**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5622122**, and **24067** is the 20% darker color. If you saturate the color by 10%, you get **37432**, and if you desaturate by 10%, it is **1020481**.

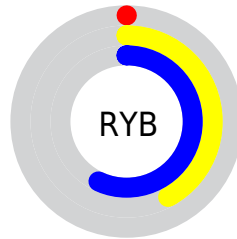
# Distribution



Red (0%)

Green (57%)

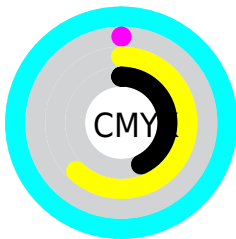
Blue (22%)



Red (0%)

Yellow (42%)

Blue (57%)

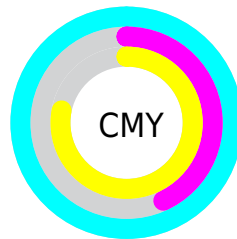


Cyan (100%)

Magenta (0%)

Yellow (62%)

Black (43%)



Cyan (100%)

Magenta (43%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 37432 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 37432 by changing the saturation by 10% instead.



 37432       37432

16777215       30495

 5622122       24067

 7595652       17664

 9502623       12032

 11403194       4352

 13303766       0

 15269875

 37432

 1020481

■ 1937994

■ 2921043

■ 3838556

■ 4821605

■ 5804654

■ 6722167

■ 7705216

■ 8622729

# Harmonies

## Analogous

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



7047168



37432



38513

# Triad

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



37432



35054



14633043

# Complementary

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



37432



9568346

# 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.



14369419



37432



6714596

# Square

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



37432



37848



11950272



13131808

# Rectangle

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



37432



38808



11950272



14762597



# Sweetspot

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



37432



8699290



5935616



3956297



14606046



6184542



# Same Dimension

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



37432



48456



37505



4409925



35381



2564



# Inverse Universe

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



9568346



12386420



9568273



4866887



9044053



655366



# Previews

## White Background



This preview shows how the Decimal color 37432 looks on a white background.

## Color Contrast Check

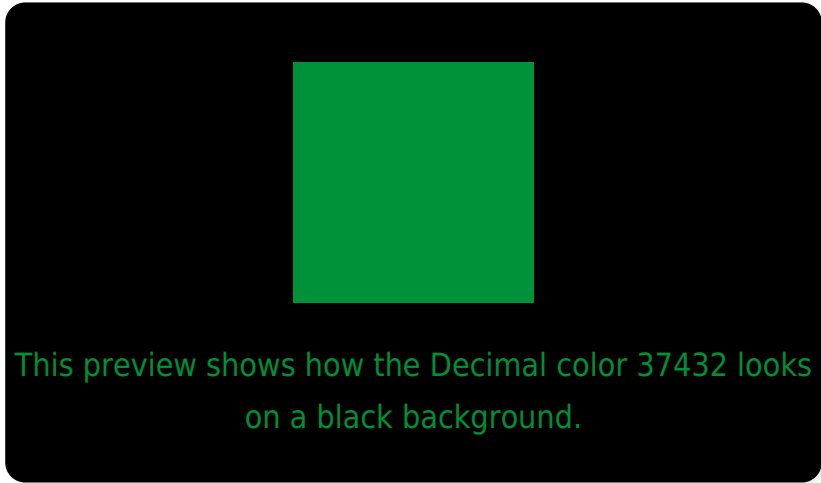
Large Text (above 18pt) WCAG AA ✓ Pass

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 37432 Background



This preview shows how black text looks on a background with the Decimal color 37432.



This preview shows how white text looks on a background with the Decimal color 37432.

# 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**  
37432

**Protanopia**  
9207346

**Deuteranopia**  
10123072



**Tritanopia**  
3836308

# Trichromacy



**Original Color**

37432



**Protanomaly**

5866804



**Deuteranomaly**

6455613



**Tritanomaly**

2460787

# Monochromacy



**Original Color**

37432



**Achromatopsia**

6052956



**Achromatomaly**

3895375

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 37432 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 #009238 looks like.

```
.text, #text, p{  
    color:#009238  
}
```

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 #009238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009238
}
```

## Border

The CSS property to change the border of an element to Decimal 37432 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
#009238 }
```

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

```
.border{ border-color:#009238 }
```

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

Here you see how a box with a 4 pixel #009238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009238; -webkit-box-shadow:4px 4px  
4px 4px #009238; box-shadow:4px 4px 4px  
4px #009238 }
```

# Background

The CSS property to change the background color of an element to Decimal 37432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009238 }
```

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

```
.background{ background-color:#009238 }
```

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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