

Converting Colors

Decimal(37427)

Have a look what the booklet for
Decimal(37427) contains.

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Color

Decimal(37427)

Conversions

Conversions Part 1

Format	Color
Hex	009233
RGB	0, 146, 51
RGB Percent	0%, 57%, 20%
CMY	1.0000, 0.4275, 0.8000
CMYK	1.00, 0.00, 0.65, 0.43
HSL	141°, 100%, 29%
HSV	141°, 100%, 57%
XYZ	10.8764, 20.7968, 6.5729
YIQ	91.5160, -56.5210, -60.4970

Conversions

Conversions Part 2

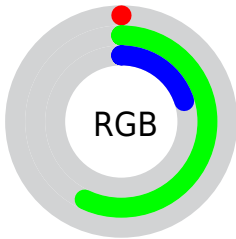
Format	Color
RYB	0, 108, 146
Decimal	37427
CIELab	52.73, -53.49, 40.04
CIELCh	53, 66.813, 143.184
Yxy	20.7968, 0.2844, 0.5438
Android (android.graphics.Color)	4278227507 (0xFF009233)
YUV	91.5160, -19.9744, -80.2595
Hunter-Lab	45.6035, -37.2339, 23.3769

Details

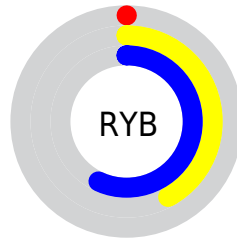
The Decimal color **37427** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9568351**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5622117**, and **24064** is the 20% darker color. If you saturate the color by 10%, you get **37427**, and if you desaturate by 10%, it is **1020476**.

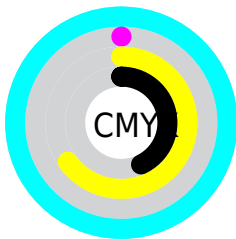
Distribution



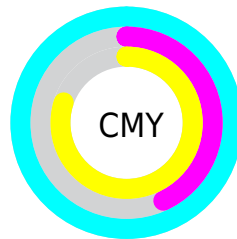
- Red (0%)
- Green (57%)
- Blue (20%)



- Red (0%)
- Yellow (42%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 37427 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 37427 by changing the saturation by 10% instead.

 37427  37427

16777215  30489

 5622117  24064

 7595647  17664

 9502618  12032

 11403189  4352

 13369297  0

 15335406

 37427

 1020476

 1937990

 2921039

 3838553

 4821602

 5804652

 6722166

 7705215

 8622729

Harmonies

Analogous

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



7178240



37427



38766

Triad

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



37427



35313



14763092

Complementary

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



37427



9568351

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.



14434190



37427



6190312

Square

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



37427



38105



11884740



13327902

Rectangle

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



37427



39062



11884740



14892647

Sweetspot

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



37427



8699288



6394368



3956296



14606046



6184542

Same Dimension

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



37427



48450



37498



4409925



35376



2564

Inverse Universe

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



9568351



12386427



9568280



4866887



9044058



655367

Previews

White Background



This preview shows how the Decimal color 37427 looks on a white background.

Color Contrast Check

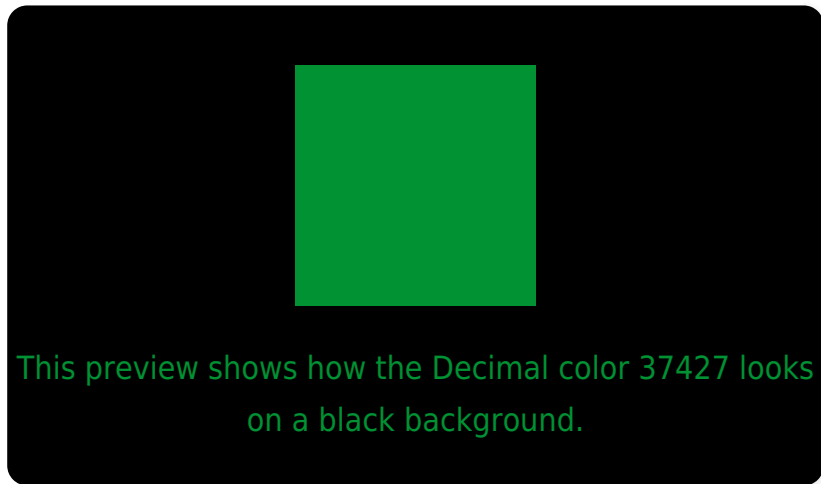
Large Text (above 18pt) WCAG AA ✓ Pass

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 37427 Background



This preview shows how black text looks on a background with the Decimal color 37427.




This preview shows how white text looks on a background with the Decimal color 37427.

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
3901844

Trichromacy



Original Color
37427



Protanomaly
5866799



Deuteranomaly
6521144



Tritanomaly
2526321

Monochromacy



Original Color
37427



Achromatopsia
6052956



Achromatomaly
3895373

CSS Examples

Text

The CSS property to change the color of the text to Decimal 37427 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 #009233 looks like.

```
.text, #text, p{  
    color:#009233  
}
```

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 #009233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009233
}
```

Border

The CSS property to change the border of an element to Decimal 37427 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
#009233 }
```

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

```
.border{ border-color:#009233 }
```

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

Here you see how a box with a 4 pixel #009233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009233; -webkit-box-shadow:4px 4px  
4px 4px #009233; box-shadow:4px 4px 4px  
4px #009233 }
```

Background

The CSS property to change the background color of an element to Decimal 37427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009233 }
```

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

```
.background{ background-color:#009233 }
```

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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