

Converting Colors

Decimal(35874)

Have a look what the booklet for
Decimal(35874) contains.

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Color

Decimal(35874)

Conversions

Conversions Part 1

Format	Color
Hex	008C22
RGB	0, 140, 34
RGB Percent	0%, 55%, 13%
CMY	1.0000, 0.4510, 0.8667
CMYK	1.00, 0.00, 0.76, 0.45
HSL	135°, 100%, 27%
HSV	135°, 100%, 55%
XYZ	9.6668, 18.8717, 4.6465
YIQ	86.0560, -49.4140, -62.6460

Conversions

Conversions Part 2

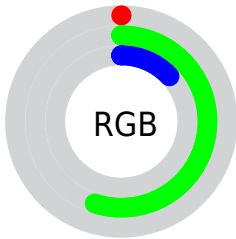
Format	Color
RYB	0, 113, 140
Decimal	35874
CIELab	50.54, -53.40, 44.83
CIELCh	51, 69.725, 139.990
Yxy	18.8717, 0.2913, 0.5687
Android (android.graphics.Color)	4278225954 (0xFF008C22)
YUV	86.0560, -25.6636, -75.4711
Hunter-Lab	43.4415, -36.3020, 24.0674

Details

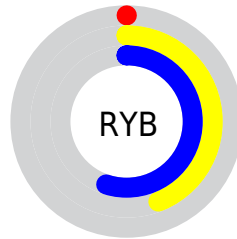
The Decimal color **35874** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9175146**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **5555030**, and **22528** is the 20% darker color. If you saturate the color by 10%, you get **35874**, and if you desaturate by 10%, it is **953389**.

Distribution



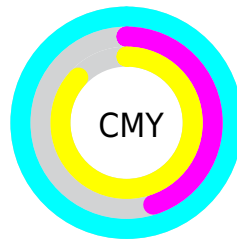
- Red (0%)
- Green (55%)
- Blue (13%)



- Red (0%)
- Yellow (44%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 35874 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 35874 by changing the saturation by 10% instead.

 35874  35874

16777215  29185

 5555030  22528

 7528304  16128

 9436298  10496

 11337637  1024

 13238209  0

 15204318

 16777211

 35874

■ 953389

■ 1870903

■ 2788418

■ 3705932

■ 4623447

■ 5540962

■ 6458476

■ 7375991

■ 8293505

Harmonies

Analogous

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



7110912



35874



37218

Triad

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



35874



34286



14628180

Complementary

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



35874



9175146

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.



14103695



35874



4223465

Square

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



35874



36819



11162566



13259546

Rectangle

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



35874



37515



11162566



14692455

Sweetspot

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



35874



8369548



7048192



3890243



14408667



6052956

Same Dimension

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



35874



46380



35943



4080960



34080



1281

Inverse Universe

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



9175146



11862153



9175077



4537923



8716388



327684

Previews

White Background



This preview shows how the Decimal color 35874 looks on a white background.

Color Contrast Check

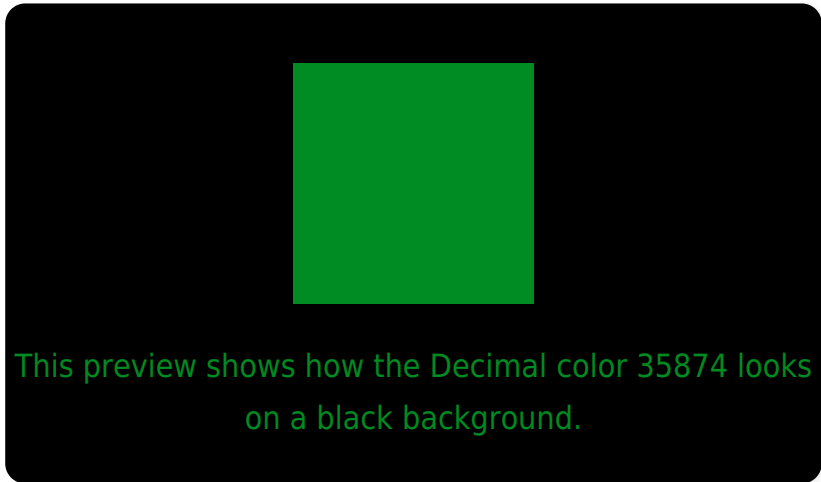
Large Text (above 18pt) WCAG AA ✓ Pass

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 35874 Background



This preview shows how black text looks on a background with the Decimal color 35874.



This preview shows how white text looks on a background with the Decimal color 35874.

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
35874

Protanopia
8878109

Deuteranopia
9794093



Tritanopia
3834765

Trichromacy



Original Color

35874



Protanomaly

5668639



Deuteranomaly

6257449



Tritanomaly

2459238

Monochromacy



Original Color

35874



Achromatopsia

5658198



Achromatomaly

3631683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 35874 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 #008C22 looks like.

```
.text, #text, p{  
    color:#008C22  
}
```

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 #008C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008C22
}
```

Border

The CSS property to change the border of an element to Decimal 35874 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
#008C22 }
```

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

```
.border{ border-color:#008C22 }
```

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

Here you see how a box with a 4 pixel #008C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008C22; -webkit-box-shadow:4px 4px  
4px 4px #008C22; box-shadow:4px 4px 4px  
4px #008C22 }
```

Background

The CSS property to change the background color of an element to Decimal 35874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008C22 }
```

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

```
.background{ background-color:#008C22 }
```

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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