

Converting Colors

Decimal(35413)

Have a look what the booklet for
Decimal(35413) contains.

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Color

Decimal(35413)

Conversions

Conversions Part 1

Format	Color
Hex	008A55
RGB	0, 138, 85
RGB Percent	0%, 54%, 33%
CMY	1.0000, 0.4588, 0.6667
CMYK	1.00, 0.00, 0.38, 0.46
HSL	157°, 100%, 27%
HSV	157°, 100%, 54%
XYZ	10.7282, 18.8328, 11.6640
YIQ	90.6960, -65.2350, -45.7390

Conversions

Conversions Part 2

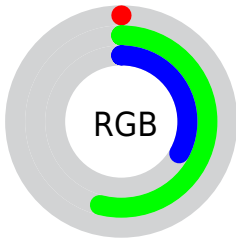
Format	Color
RYB	0, 85, 138
Decimal	35413
CIELab	50.49, -44.96, 19.65
CIELCh	50, 49.069, 156.388
Yxy	18.8328, 0.2602, 0.4568
Android (android.graphics.Color)	4278225493 (0xFF008A55)
YUV	90.6960, -2.8081, -79.5404
Hunter-Lab	43.3968, -31.8173, 14.4421

Details

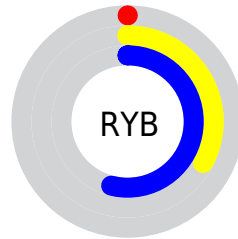
The Decimal color **35413** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9044021**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **5423495**, and **22311** is the 20% darker color. If you saturate the color by 10%, you get **35413**, and if you desaturate by 10%, it is **952922**.

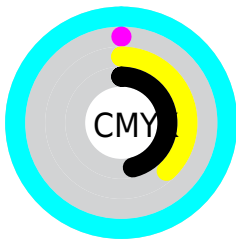
Distribution



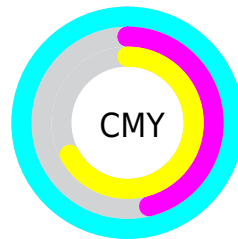
- Red (0%)
- Green (54%)
- Blue (33%)



- Red (0%)
- Yellow (33%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (46%)





- Cyan (100%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 35413 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 35413 by changing the saturation by 10% instead.

 35413  35413

16777215  28733

 5423495  22311

 7331233  15890

 9239229  10496

 11075544  768

 12976117  0

 14942207

 35413

 952922

 1870432

 2722405


 3639914

 4557424

 5474933

 6392442

 7244415

 8161925

Harmonies

Analogous

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



5932080



35413



35968

Triad

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



35413



3111627



12540489

Complementary

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



35413



9044021

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.



12865905



35413



8808892

Square

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



35413



34244



11688090



11102761

Rectangle

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



35413



35996



11688090



12801366

Sweetspot

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



35413



8237982



3639808



3758413



14277081



5855577

Same Dimension

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



35413



45934



31882



4080962



34130



1283

Inverse Universe

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



9044021



11731013



9047552



4537921



8716339



327682

Previews

White Background



This preview shows how the Decimal color 35413 looks on a white background.

Color Contrast Check

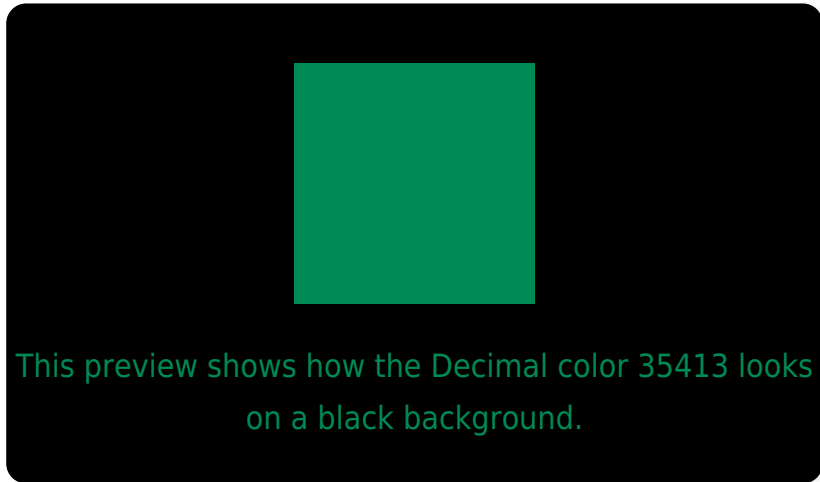
Large Text (above 18pt) WCAG AA ✓ Pass

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 35413 Background



This preview shows how black text looks on a background with the Decimal color 35413.



This preview shows how white text looks on a background with the Decimal color 35413.

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
35413

Protanopia
8550478

Deuteranopia
9270106



Tritanopia
3310478

Trichromacy



Original Color
35413



Protanomaly
5472081



Deuteranomaly
5929816



Tritanomaly
2131577

Monochromacy



Original Color
35413



Achromatopsia
5987163



Achromatomaly
3828825

CSS Examples

Text

The CSS property to change the color of the text to Decimal 35413 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 #008A55 looks like.

```
.text, #text, p{  
    color:#008A55  
}
```

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 #008A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A55
}
```

Border

The CSS property to change the border of an element to Decimal 35413 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
#008A55 }
```

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

```
.border{ border-color:#008A55 }
```

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

Here you see how a box with a 4 pixel #008A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A55; -webkit-box-shadow:4px 4px  
4px 4px #008A55; box-shadow:4px 4px 4px  
4px #008A55 }
```

Background

The CSS property to change the background color of an element to Decimal 35413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A55 }
```

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

```
.background{ background-color:#008A55 }
```

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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