

Converting Colors

Decimal(36681)

Have a look what the booklet for
Decimal(36681) contains.

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Color

Decimal(36681)

Conversions

Conversions Part 1

Format	Color
Hex	008F49
RGB	0, 143, 73
RGB Percent	0%, 56%, 29%
CMY	1.0000, 0.4392, 0.7137
CMYK	1.00, 0.00, 0.49, 0.44
HSL	151°, 100%, 28%
HSV	151°, 100%, 56%
XYZ	11.0251, 20.1260, 9.6069
YIQ	92.2630, -62.7580, -52.0860

Conversions

Conversions Part 2

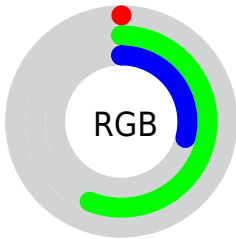
Format	Color
RYB	0, 95, 143
Decimal	36681
CIELab	51.98, -49.17, 28.17
CIELCh	52, 56.665, 150.191
Yxy	20.1260, 0.2705, 0.4938
Android (android.graphics.Color)	4278226761 (0xFF008F49)
YUV	92.2630, -9.4967, -80.9147
Hunter-Lab	44.8620, -34.6411, 18.7067

Details

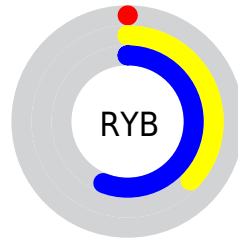
The Decimal color **36681** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9371718**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5490299**, and **23322** is the 20% darker color. If you saturate the color by 10%, you get **36681**, and if you desaturate by 10%, it is **954192**.

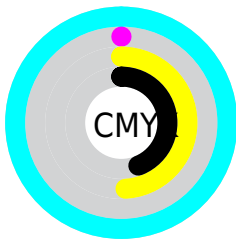
Distribution



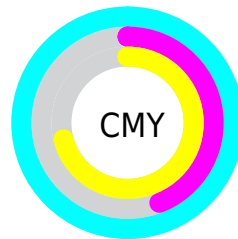
- Red (0%)
- Green (56%)
- Blue (29%)



- Red (0%)
- Yellow (37%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 36681 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 36681 by changing the saturation by 10% instead.

 36681  36681


16777215  30001

 5490299  23322

 7463573  16898

 9371568  11520

 11272140  3328

 13172712  0

 15138815

 36681

 954192

 1937239

 2854750

 3772261

 4755308

 5672819

 6590330

 7507841

 8490888

Harmonies

Analogous

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



6522653



36681



37499

Triad

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



36681



33501



13652814

Complementary

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



36681



9371718

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.



13716606



36681



8089552

Square

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



36681



36304



11950509



12150565

Rectangle

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



36681



37788



11950509



13848157

Sweetspot

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



36681



8567455



4755200



3956302



14606046



6184542

Same Dimension

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



36681



47711



36751



4212548



34629



2052

Inverse Universe

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



9371718



12189787



9371648



4669508



8847426



524292

Previews

White Background



This preview shows how the Decimal color 36681 looks on a white background.

Color Contrast Check

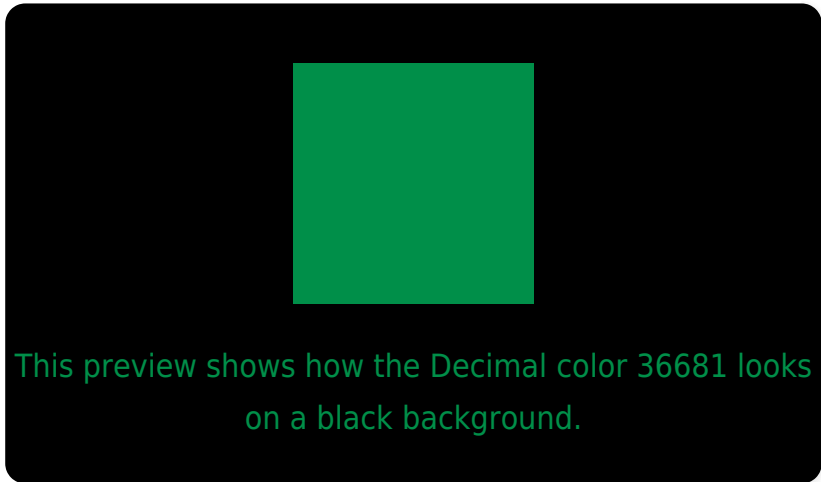
Large Text (above 18pt) WCAG AA ✓ Pass

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 36681 Background



This preview shows how black text looks on a background with the Decimal color 36681.



This preview shows how white text looks on a background with the Decimal color 36681.

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
36681

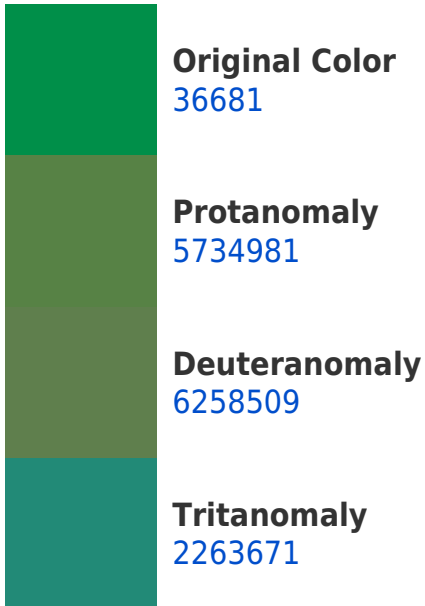
Protanopia
8944450

Deuteranopia
9795151



Tritanopia
3573650

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 36681 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 #008F49 looks like.

```
.text, #text, p{  
    color:#008F49  
}
```

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 #008F49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008F49
}
```

Border

The CSS property to change the border of an element to Decimal 36681 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
#008F49 }
```

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

```
.border{ border-color:#008F49 }
```

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

Here you see how a box with a 4 pixel #008F49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008F49; -webkit-box-shadow:4px 4px  
4px 4px #008F49; box-shadow:4px 4px 4px  
4px #008F49 }
```

Background

The CSS property to change the background color of an element to Decimal 36681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008F49 }
```

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

```
.background{ background-color:#008F49 }
```

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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