

Converting Colors

Decimal(40775)

Have a look what the booklet for
Decimal(40775) contains.

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Color

Decimal(40775)

Conversions

Conversions Part 1

Format	Color
Hex	009F47
RGB	0, 159, 71
RGB Percent	0%, 62%, 28%
CMY	1.0000, 0.3765, 0.7216
CMYK	1.00, 0.00, 0.55, 0.38
HSL	147°, 100%, 31%
HSV	147°, 100%, 62%
XYZ	13.5355, 25.2512, 10.1218
YIQ	101.4270, -66.5160, -61.0760

Conversions

Conversions Part 2

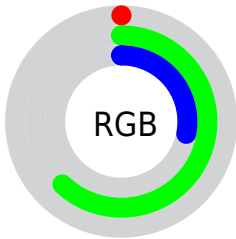
Format	Color
RYB	0, 110, 159
Decimal	40775
CIELab	57.32, -54.93, 35.81
CIELCh	57, 65.571, 146.896
Yxy	25.2512, 0.2768, 0.5163
Android (android.graphics.Color)	4278230855 (0xFF009F47)
YUV	101.4270, -15.0005, -88.9515
Hunter-Lab	50.2506, -39.8579, 23.2328

Details

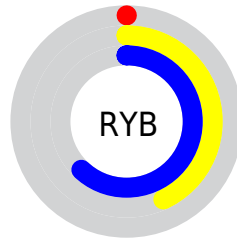
The Decimal color **40775** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10420312**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **5887866**, and **27158** is the 20% darker color. If you saturate the color by 10%, you get **40775**, and if you desaturate by 10%, it is **1089360**.

Distribution



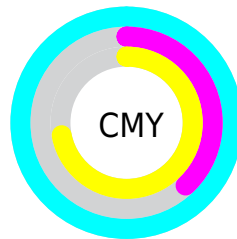
- Red (0%)
- Green (62%)
- Blue (28%)



- Red (0%)
- Yellow (43%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 40775 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 40775 by changing the saturation by 10% instead.

 40775  40775

16777215  33839

 5887866  27158

 7861396  20480

 9830319  14336

 11730891  8448

 13696999  0

 15663103

 40775

 1089360


 2137945

 3186529

 4235114

 5283699

 6266748

 7315333

 8363917

 9412502

Harmonies

Analogous

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



7509260



40775



41858

Triad

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



40775



37629



15553881

Complementary

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



40775



10420312

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.



15421074



40775



8158704

Square

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



40775



40937



13132489



13921830

Rectangle

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



40775



42153



13132489



15683692

Sweetspot

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



40775



9555884



5938944



4417876



15263976



6908265

Same Dimension

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



40775



53084



40852



4673355



36672



3847

Inverse Universe

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



10420312



13566066



10420235



5195596



9371727



983048

Previews

White Background



This preview shows how the Decimal color 40775 looks on a white background.

Color Contrast Check

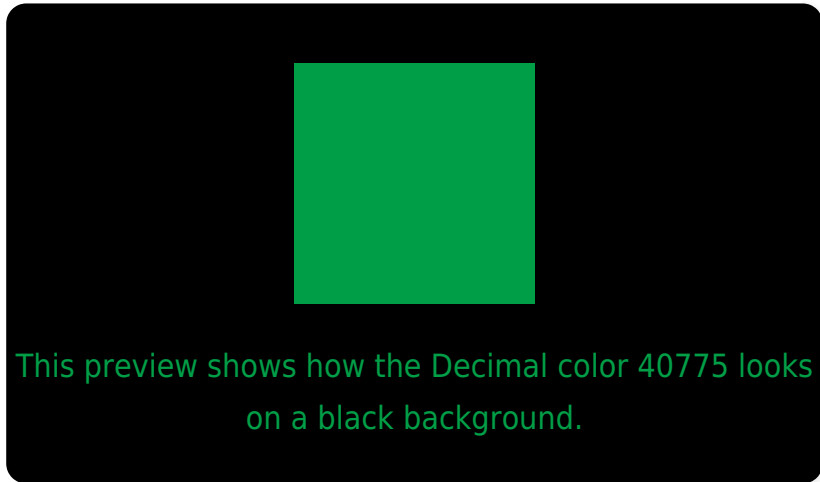
Large Text (above 18pt) WCAG AA ✓ Pass

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 40775 Background



This preview shows how black text looks on a background with the Decimal color 40775.



This preview shows how white text looks on a background with the Decimal color 40775.

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
40775

Protanopia
9996608

Deuteranopia
10978127



Tritanopia
4101538

Trichromacy



Original Color

40775



Protanomaly

6394179



Deuteranomaly

6982988



Tritanomaly

2595201

Monochromacy



Original Color

40775



Achromatopsia

6645093



Achromatomaly

4225626

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40775 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 #009F47 looks like.

```
.text, #text, p{  
    color:#009F47  
}
```

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 #009F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F47
}
```

Border

The CSS property to change the border of an element to Decimal 40775 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
#009F47 }
```

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

```
.border{ border-color:#009F47 }
```

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

Here you see how a box with a 4 pixel #009F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F47; -webkit-box-shadow:4px 4px  
4px 4px #009F47; box-shadow:4px 4px 4px  
4px #009F47 }
```

Background

The CSS property to change the background color of an element to Decimal 40775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F47 }
```

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

```
.background{ background-color:#009F47 }
```

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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