

Converting Colors

Decimal(40756)

Have a look what the booklet for
Decimal(40756) contains.

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Color

Decimal(40756)

Conversions

Conversions Part 1

Format	Color
Hex	009F34
RGB	0, 159, 52
RGB Percent	0%, 62%, 20%
CMY	1.0000, 0.3765, 0.7961
CMYK	1.00, 0.00, 0.67, 0.38
HSL	140°, 100%, 31%
HSV	140°, 100%, 62%
XYZ	13.0180, 25.0442, 7.3967
YIQ	99.2610, -60.4170, -66.9850

Conversions

Conversions Part 2

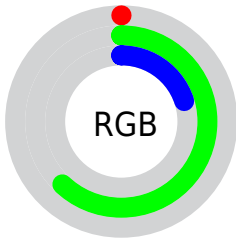
Format	Color
RYB	0, 120, 159
Decimal	40756
CIELab	57.12, -57.43, 44.46
CIELCh	57, 72.630, 142.255
Yxy	25.0442, 0.2864, 0.5509
Android (android.graphics.Color)	4278230836 (0xFF009F34)
YUV	99.2610, -23.2997, -87.0519
Hunter-Lab	50.0442, -41.1442, 26.2677

Details

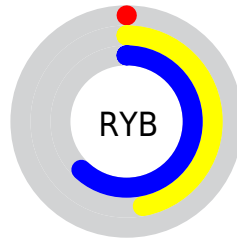
The Decimal color **40756** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **10420331**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **5953383**, and **27136** is the 20% darker color. If you saturate the color by 10%, you get **40756**, and if you desaturate by 10%, it is **1089343**.

Distribution



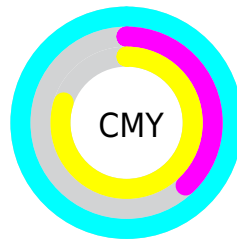
- Red (0%)
- Green (62%)
- Blue (20%)



- Red (0%)
- Yellow (47%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40756 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 40756 by changing the saturation by 10% instead.

 40756  40756

16777215  33817

 5953383  27136

 7926914  20480

 9895837  14336

 11796408  8192

 13762516  0

 15728625

 40756

 1089343


 2137929

 3186516

 4235103

 5283689

 6266740

 7315327

 8363914

 9412500

Harmonies

Analogous

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



7902208



40756



42102

Triad

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



40756



38655



16205661

Complementary

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



40756



10420331

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.



15745948



40756



6324479

Square

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



40756



41453



12869848



14640417

Rectangle

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



40756



42402



12869848



16269682

Sweetspot

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



40756



9555877



7184128



4417871



15263976



6908265

Same Dimension

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



40756



53060



40834



4673354



36655



3845

Inverse Universe

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



10420331



13566091



10420253



5195596



9371744



983050

Previews

White Background



This preview shows how the Decimal color 40756 looks on a white background.

Color Contrast Check

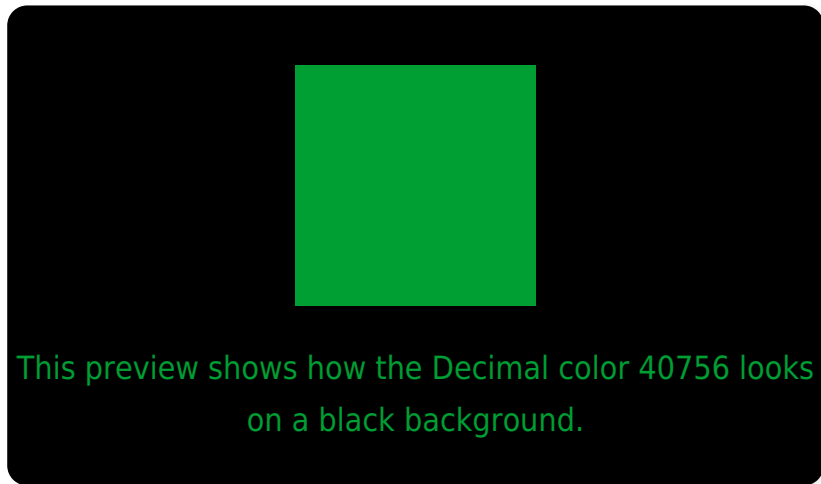
Large Text (above 18pt) WCAG AA ✓ Pass

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 40756 Background



This preview shows how black text looks on a background with the Decimal color 40756.




This preview shows how white text looks on a background with the Decimal color 40756.

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
4232609

Trichromacy



Original Color
40756



Protanomaly
6394160



Deuteranomaly
7114042



Tritanomaly
2726265

Monochromacy



Original Color
40756



Achromatopsia
6513507



Achromatomaly
4159826

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40756 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 #009F34 looks like.

```
.text, #text, p{  
    color:#009F34  
}
```

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 #009F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009F34
}
```

Border

The CSS property to change the border of an element to Decimal 40756 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
#009F34 }
```

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

```
.border{ border-color:#009F34 }
```

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

Here you see how a box with a 4 pixel #009F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009F34; -webkit-box-shadow:4px 4px  
4px 4px #009F34; box-shadow:4px 4px 4px  
4px #009F34 }
```

Background

The CSS property to change the background color of an element to Decimal 40756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009F34 }
```

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

```
.background{ background-color:#009F34 }
```

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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