

Converting Colors

Decimal(10761)

Have a look what the booklet for
Decimal(10761) contains.

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Color

Decimal(10761)

Conversions

Conversions Part 1

Format	Color
Hex	002A09
RGB	0, 42, 9
RGB Percent	0%, 16%, 4%
CMY	1.0000, 0.8353, 0.9647
CMYK	1.00, 0.00, 0.79, 0.84
HSL	133°, 100%, 8%
HSV	133°, 100%, 16%
XYZ	0.8773, 1.6757, 0.5356
YIQ	25.6800, -14.4390, -19.1670

Conversions

Conversions Part 2

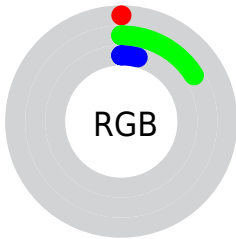
Format	Color
RYB	0, 35, 42
Decimal	10761
CIELab	13.68, -23.07, 15.93
CIELCh	14, 28.032, 145.367
Yxy	1.6757, 0.2840, 0.5425
Android (android.graphics.Color)	4278200841 (0xFF002A09)
YUV	25.6800, -8.2232, -22.5214
Hunter-Lab	12.9447, -10.5561, 6.6079

Details

The Decimal color **10761** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2752545**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **3102773**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **10761**, and if you desaturate by 10%, it is **272908**.

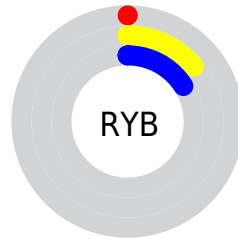
Distribution



Red (0%)

Green (16%)

Blue (4%)



Red (0%)

Yellow (14%)

Blue (16%)

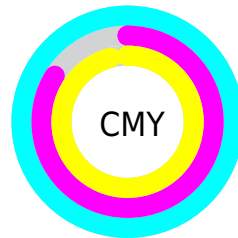


Cyan (100%)

Magenta (0%)

Yellow (79%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 10761 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 10761 by changing the saturation by 10% instead.

 10761  10761

 15138794  5376

 3102773  0

 4682060

 6261348

 7972221

 9683095

 11459762

 13302221

 10761

■ 272908

■ 535056

■ 862739

■ 1124886

■ 1387033

■ 1649181

■ 1911328

■ 2239011

■ 2501159

Harmonies

Analogous

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



1976064



10761



11295

Triad

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



10761



9802



4526099

Complementary

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



10761



2752545

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.



4460071



10761



1843015

Square

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



10761



10819



3610169



4069632

Rectangle

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



10761



11309



3610169



4525594

Sweetspot

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



10761



2438697



2238976



1186836



10263708



1842204

Same Dimension

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



10761



13835



10781



1184787



21522



54317

Inverse Universe

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



2752545



3538986



2752525



1315348



5505090



13893798

Previews

White Background



This preview shows how the Decimal color 10761 looks on a white background.

Color Contrast Check

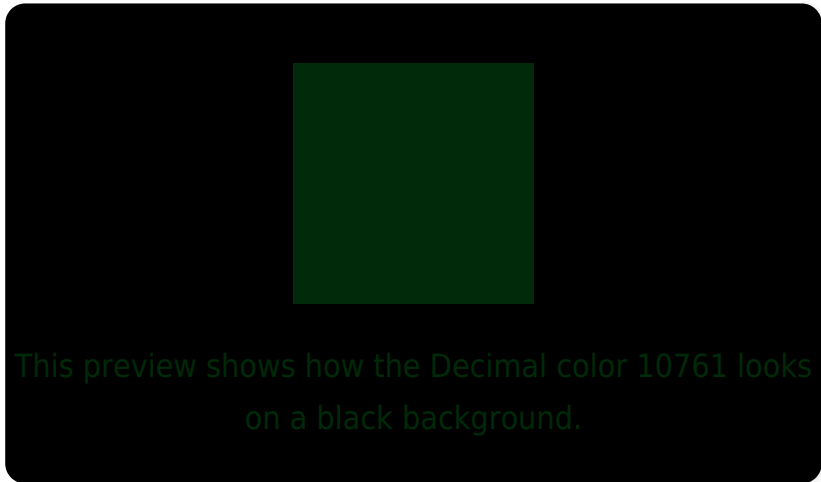
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

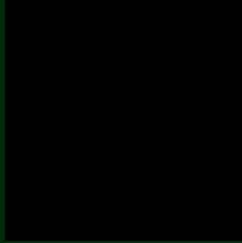
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 10761 Background



This preview shows how black text looks on a background with the Decimal color 10761.



This preview shows how white text looks on a background with the Decimal color 10761.

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
10761

Protanopia
2630663

Deuteranopia
2957837



Tritanopia
1124138

Trichromacy



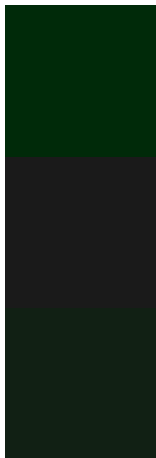
Original Color
10761

Protanomaly
1648136

Deuteranomaly
1910028

Tritanomaly
731166

Monochromacy



Original Color
10761

Achromatopsia
1710618

Achromatomaly
1122324

CSS Examples

Text

The CSS property to change the color of the text to Decimal 10761 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 #002A09 looks like.

```
.text, #text, p{  
    color:#002A09  
}
```

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 #002A09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002A09
}
```

Border

The CSS property to change the border of an element to Decimal 10761 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
#002A09 }
```

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

```
.border{ border-color:#002A09 }
```

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

Here you see how a box with a 4 pixel #002A09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002A09; -webkit-box-shadow:4px 4px  
4px 4px #002A09; box-shadow:4px 4px 4px  
4px #002A09 }
```

Background

The CSS property to change the background color of an element to Decimal 10761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002A09 }
```

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

```
.background{ background-color:#002A09 }
```

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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