

# Converting Colors

Decimal(12041)

Have a look what the booklet for  
Decimal(12041) contains.

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# Color

**Decimal(12041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	002F09
RGB	0, 47, 9
RGB Percent	0%, 18%, 4%
CMY	1.0000, 0.8157, 0.9647
CMYK	1.00, 0.00, 0.81, 0.82
HSL	131°, 100%, 9%
HSV	131°, 100%, 18%
XYZ	1.0658, 2.0528, 0.5985
YIQ	28.6150, -15.8140, -21.7820

# Conversions

## Conversions Part 2

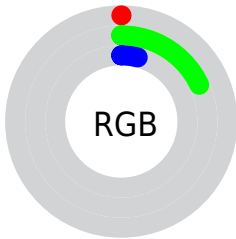
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 39, 47
Decimal	12041
CIELab	15.76, -24.99, 18.61
CIELCh	16, 31.161, 143.317
Yxy	2.0528, 0.2867, 0.5523
Android (android.graphics.Color)	4278202121 (0xFF002F09)
YUV	28.6150, -9.6702, -25.0954
Hunter-Lab	14.3274, -11.7943, 7.5525

# Details

The Decimal color **12041** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3080230**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **3235381**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **12041**, and if you desaturate by 10%, it is **339725**.

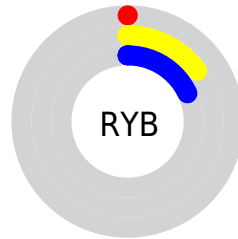
# Distribution



Red (0%)

Green (18%)

Blue (4%)



Red (0%)

Yellow (15%)

Blue (18%)

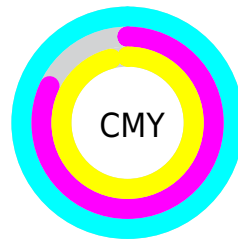


Cyan (100%)

Magenta (0%)

Yellow (81%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12041 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 12041 by changing the saturation by 10% instead.





12041



12041



15400938



7424



3235381



0



4880204



6525284



8170366



9947032



11723698



13565902



12041

■ 339725

■ 601873

■ 929556

■ 1257240

■ 1584924

■ 1847072

■ 2174756

■ 2502439

■ 2764587

# Harmonies

## Analogous

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



2239232



12041



12577

# Triad

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



12041



11091



5050647

# Complementary

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



12041



3080230

# 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.



4984621



12041



1778768

# Square

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



12041



12363



4004162



4528896

# Rectangle

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



12041



12593



4004162



5115678



# Sweetspot

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



12041



2833710



2502400



1318678



10395294



2039583



# Same Dimension

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



12041



15628



12064



1382165



22289



54825



# Inverse Universe

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



3080230



3997745



3080207



1512727



5701702



14024877



# Previews

## White Background



This preview shows how the Decimal color 12041 looks on a white background.

### Color Contrast Check

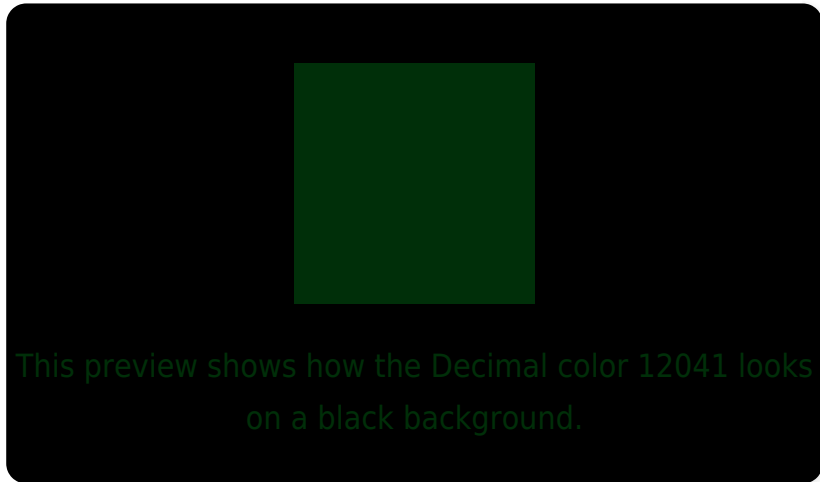
Large Text (above 18pt) WCAG AA ✓ Pass

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

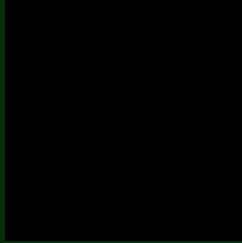
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 12041 Background



This preview shows how black text looks on a background with the Decimal color 12041.



This preview shows how white text looks on a background with the Decimal color 12041.

# 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](#).

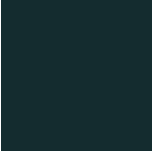
## Dichromacy



**Original Color**  
12041

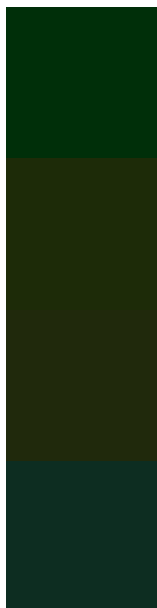
**Protanopia**  
2959367

**Deuteranopia**  
3286541



**Tritanopia**  
1322031

# Trichromacy



**Original Color**

12041

**Protanomaly**

1911560

**Deuteranomaly**

2107660

**Tritanomaly**

863521

# Monochromacy



**Original Color**

12041

**Achromatopsia**

1907997

**Achromatomaly**

1188886

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12041 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 #002F09 looks like.

```
.text, #text, p{  
    color:#002F09  
}
```

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 #002F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F09
}
```

## Border

The CSS property to change the border of an element to Decimal 12041 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".

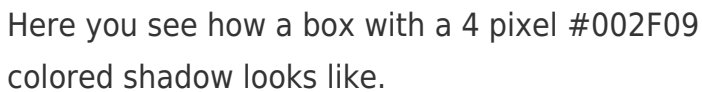
```
.border, #border, table{ border:4px solid
#002F09 }
```

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

```
.border{ border-color:#002F09 }
```

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

Here you see how a box with a 4 pixel #002F09 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F09; -webkit-box-shadow:4px 4px  
4px 4px #002F09; box-shadow:4px 4px 4px  
4px #002F09 }
```

# Background

The CSS property to change the background color of an element to Decimal 12041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F09 }
```

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

```
.background{ background-color:#002F09 }
```

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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