

Converting Colors

Decimal(28425)

Have a look what the booklet for
Decimal(28425) contains.

Decimal(28425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(28425)

Conversions

Conversions Part 1

Format	Color
Hex	006F09
RGB	0, 111, 9
RGB Percent	0%, 44%, 4%
CMY	1.0000, 0.5647, 0.9647
CMYK	1.00, 0.00, 0.92, 0.56
HSL	125°, 100%, 22%
HSV	125°, 100%, 44%
XYZ	5.7337, 11.3886, 2.1545
YIQ	66.1830, -33.4140, -55.2540

Conversions

Conversions Part 2

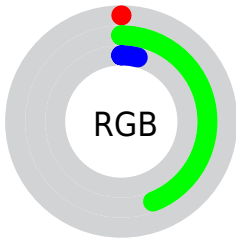
Format	Color
RYB	0, 103, 111
Decimal	28425
CIELab	40.23, -46.26, 42.85
CIELCh	40, 63.058, 137.194
Yxy	11.3886, 0.2974, 0.5908
Android (android.graphics.Color)	4278218505 (0xFF006F09)
YUV	66.1830, -28.1912, -58.0425
Hunter-Lab	33.7470, -28.7294, 19.8377

Details

The Decimal color **28425** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **7274598**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **4957248**, and **15616** is the 20% darker color. If you saturate the color by 10%, you get **28425**, and if you desaturate by 10%, it is **749331**.

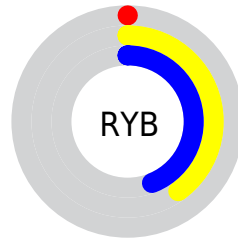
Distribution



Red (0%)

Green (44%)

Blue (4%)



Red (0%)

Yellow (40%)

Blue (44%)

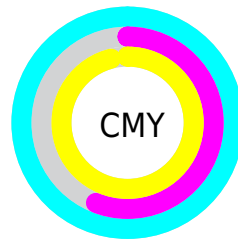


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 28425 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 28425 by changing the saturation by 10% instead.

 28425  28425

16777214  22016

 4957248  15616

 6864730  10240

 8707187  512

 10549390  0

 12386217

 14286789

 16252897

 28425

■ 749331

■ 1470237

■ 2191144

■ 2912050

■ 3698492

■ 4419398

■ 5140304

■ 5861211

■ 6582117

Harmonies

Analogous

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



5793024



28425



29766

Triad

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



28425



27588



12000580

Complementary

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



28425



7274598

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.



11411575



28425



23491

Square

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



28425



29610



8667302



10959632

Rectangle

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



28425



30058



8667302



11999061

Sweetspot

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



28425



6721897



6844160



3099185



13224393



4868682

Same Dimension

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



28425



37132



28479



3291187



30730



63252

Inverse Universe

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



7274598



9502854



7274544



3682872



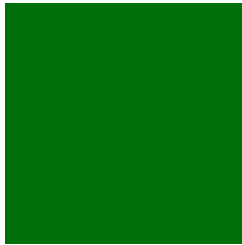
7864430



16187619

Previews

White Background



This preview shows how the Decimal color 28425 looks on a white background.

Color Contrast Check

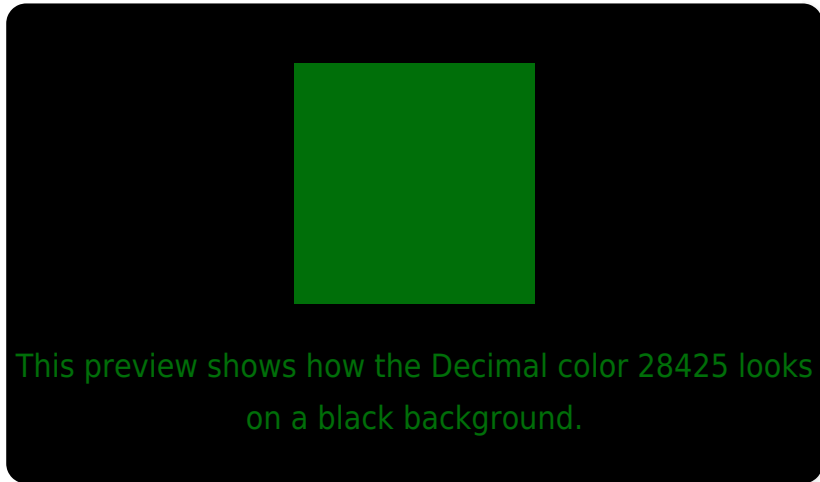
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 28425 Background



This preview shows how black text looks on a background with the Decimal color 28425.



This preview shows how white text looks on a background with the Decimal color 28425.

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
28425

Protanopia
7036672

Deuteranopia
7821849



Tritanopia
3106672

Trichromacy



Original Color
28425



Protanomaly
4482307



Deuteranomaly
5005843



Tritanomaly
1993291

Monochromacy



Original Color
28425



Achromatopsia
4342338



Achromatomaly
2773549

CSS Examples

Text

The CSS property to change the color of the text to Decimal 28425 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 #006F09 looks like.

```
.text, #text, p{  
    color:#006F09  
}
```

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 #006F09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006F09
}
```

Border

The CSS property to change the border of an element to Decimal 28425 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".

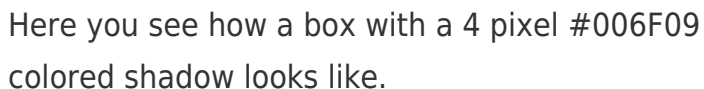
```
.border, #border, table{ border:4px solid
#006F09 }
```

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

```
.border{ border-color:#006F09 }
```

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

Here you see how a box with a 4 pixel #006F09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006F09; -webkit-box-shadow:4px 4px  
4px 4px #006F09; box-shadow:4px 4px 4px  
4px #006F09 }
```

Background

The CSS property to change the background color of an element to Decimal 28425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006F09 }
```

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

```
.background{ background-color:#006F09 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor