

# Converting Colors

Decimal(25609)

Have a look what the booklet for  
Decimal(25609) contains.

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# Color

**Decimal(25609)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006409
RGB	0, 100, 9
RGB Percent	0%, 39%, 4%
CMY	1.0000, 0.6078, 0.9647
CMYK	1.00, 0.00, 0.91, 0.61
HSL	125°, 100%, 20%
HSV	125°, 100%, 39%
XYZ	4.6065, 9.1341, 1.7787
YIQ	59.7260, -30.3890, -49.5010

# Conversions

## Conversions Part 2

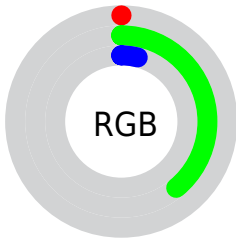
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 92, 100
Decimal	25609
CIELab	36.24, -42.88, 39.32
CIELCh	36, 58.181, 137.477
Yxy	9.1341, 0.2968, 0.5886
Android (android.graphics.Color)	4278215689 (0xFF006409)
YUV	59.7260, -25.0079, -52.3797
Hunter-Lab	30.2226, -25.6829, 17.6664

# Details

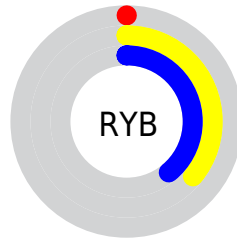
The Decimal color **25609** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6553691**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **4692030**, and **13312** is the 20% darker color. If you saturate the color by 10%, you get **25609**, and if you desaturate by 10%, it is **680978**.

# Distribution



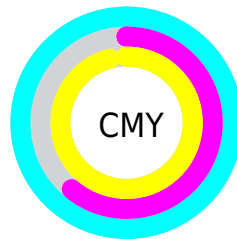
- Red (0%)
- Green (39%)
- Blue (4%)



- Red (0%)
- Yellow (36%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (91%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25609 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 25609 by changing the saturation by 10% instead.




 25609                       25609

 16777210                       19200

 4692030                       13312

 6533975                       7680

 8310640                       0

 10153099

 12058534

 13893569

 15859677

 25609

■ 680978

■ 1336347

■ 1991716

■ 2647085

■ 3302455

■ 3957824

■ 4613193

■ 5268562

■ 5923931

# Harmonies

## Analogous

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



5200640



25609



26687

# Triad

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



25609



25009



10820156

# Complementary

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



25609



6553691

# 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.



10296683



25609



545455

# Square

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



25609



26778



7879317



9909518

# Rectangle

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



25609



26976



7879317



10884684



# Sweetspot

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



25609



5997151



6054912



2769453



12763842



4342338



# Same Dimension

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



25609



33292



25658



3027758



29450



61974



# Inverse Universe

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



6553691



8519798



6553642



3354163



7536744

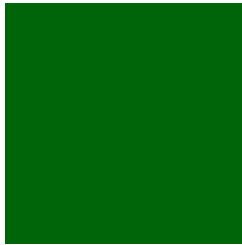


15859932



# Previews

## White Background



This preview shows how the Decimal color 25609 looks on a white background.

## Color Contrast Check

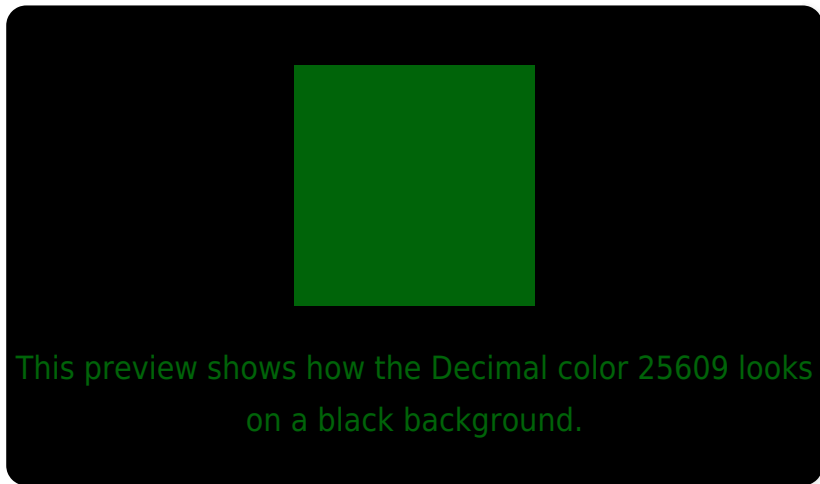
Large Text (above 18pt) WCAG AA ✓ Pass

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 25609 Background



This preview shows how black text looks on a background with the Decimal color 25609.



This preview shows how white text looks on a background with the Decimal color 25609.

# 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**  
25609

**Protanopia**  
6313472

**Deuteranopia**  
7033111



**Tritanopia**  
2776421

# Trichromacy



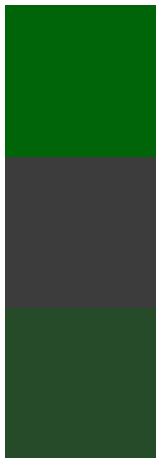
**Original Color**  
25609

**Protanomaly**  
4020995

**Deuteranomaly**  
4478994

**Tritanomaly**  
1794116

# Monochromacy



**Original Color**  
25609

**Achromatopsia**  
3947580

**Achromatomaly**  
2509609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25609 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 #006409 looks like.

```
.text, #text, p{  
    color:#006409  
}
```

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 #006409 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006409
}
```

## Border

The CSS property to change the border of an element to Decimal 25609 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
#006409 }
```

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

```
.border{ border-color:#006409 }
```

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

Here you see how a box with a 4 pixel #006409 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006409; -webkit-box-shadow:4px 4px  
4px 4px #006409; box-shadow:4px 4px 4px  
4px #006409 }
```

# Background

The CSS property to change the background color of an element to Decimal 25609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006409 }
```

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

```
.background{ background-color:#006409 }
```

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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