

# Converting Colors

Decimal(25640)

Have a look what the booklet for  
Decimal(25640) contains.

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# Color

**Decimal(25640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	006428
RGB	0, 100, 40
RGB Percent	0%, 39%, 16%
CMY	1.0000, 0.6078, 0.8431
CMYK	1.00, 0.00, 0.60, 0.61
HSL	144°, 100%, 20%
HSV	144°, 100%, 39%
XYZ	4.9402, 9.2675, 3.5359
YIQ	63.2600, -40.3400, -39.8600

# Conversions

## Conversions Part 2

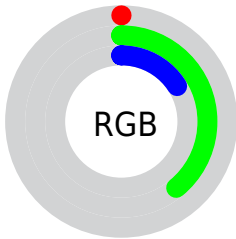
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 71, 100
Decimal	25640
CIELab	36.49, -39.67, 26.70
CIELCh	36, 47.820, 146.059
Yxy	9.2675, 0.2784, 0.5223
Android (android.graphics.Color)	4278215720 (0xFF006428)
YUV	63.2600, -11.4672, -55.4790
Hunter-Lab	30.4426, -24.3080, 14.4233

# Details

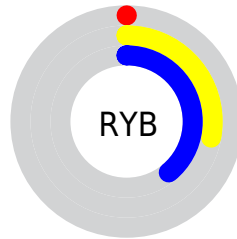
The Decimal color **25640** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6553660**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **4626519**, and **13312** is the 20% darker color. If you saturate the color by 10%, you get **25640**, and if you desaturate by 10%, it is **681006**.

# Distribution



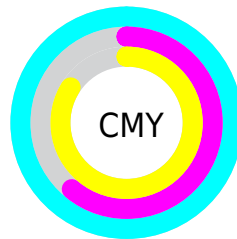
- Red (0%)
- Green (39%)
- Blue (16%)



- Red (0%)
- Yellow (28%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25640 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 25640 by changing the saturation by 10% instead.



 25640  25640

16777215  19217

 4626519  13312

 6402928  7936

 8179594  0

 10021796

 11861952

 13696988

 15597560

 25640

■ 681006

■ 1336372

■ 1991738

■ 2647104

■ 3302470

■ 3957836

■ 4613202

■ 5268568

■ 5923934

# Harmonies

## Analogous

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



4677121



25640



26447

# Triad

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



25640



23715



9974327

# Complementary

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



25640



6553660

# 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.



9907805



25640



4869787

# Square

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



25640



25749



8338305



8930068

# Rectangle

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



25640



26474



8338305



10104387



# Sweetspot

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



25640



5997163



3957760



2769460



12763842



4342338



# Same Dimension

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



25640



33332



25690



3027760



29486



62049



# Inverse Universe

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



6553660



8519758



6553610



3354161



7536709



15859857



# Previews

## White Background



This preview shows how the Decimal color 25640 looks on a white background.

## Color Contrast Check

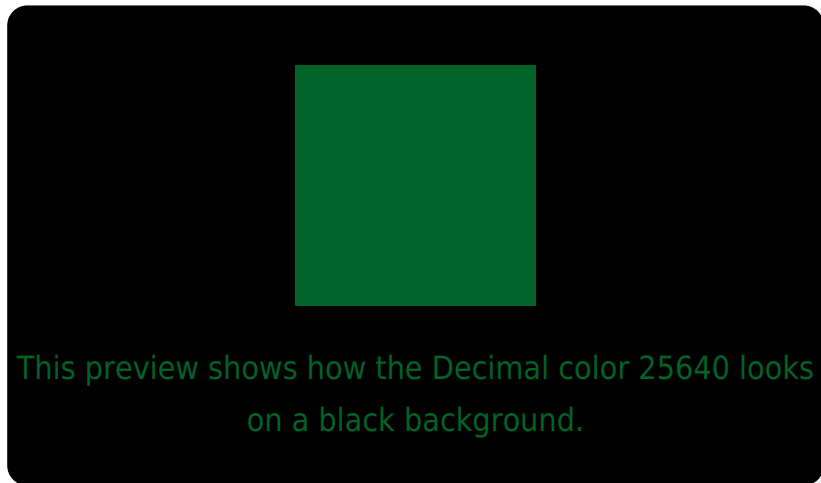
Large Text (above 18pt) WCAG AA ✓ Pass

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 25640 Background



This preview shows how black text looks on a background with the Decimal color 25640.



This preview shows how white text looks on a background with the Decimal color 25640.

# 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**  
25640

**Protanopia**  
6313508

**Deuteranopia**  
6902317



# Trichromacy



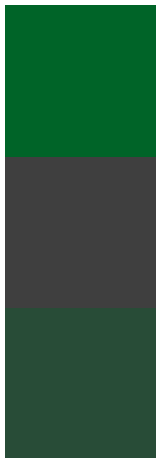
**Original Color**  
25640

**Protanomaly**  
4021029

**Deuteranomaly**  
4413739

**Tritanomaly**  
1663055

# Monochromacy



**Original Color**  
25640

**Achromatopsia**  
4144959

**Achromatomaly**  
2640951

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25640 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 #006428 looks like.

```
.text, #text, p{  
    color:#006428  
}
```

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 #006428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006428
}
```

## Border

The CSS property to change the border of an element to Decimal 25640 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
#006428 }
```

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

```
.border{ border-color:#006428 }
```

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

Here you see how a box with a 4 pixel #006428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006428; -webkit-box-shadow:4px 4px  
4px 4px #006428; box-shadow:4px 4px 4px  
4px #006428 }
```

# Background

The CSS property to change the background color of an element to Decimal 25640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006428 }
```

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

```
.background{ background-color:#006428 }
```

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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