

# Converting Colors

Decimal(25629)

Have a look what the booklet for  
Decimal(25629) contains.

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# Color

**Decimal(25629)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00641D
RGB	0, 100, 29
RGB Percent	0%, 39%, 11%
CMY	1.0000, 0.6078, 0.8863
CMYK	1.00, 0.00, 0.71, 0.61
HSL	137°, 100%, 20%
HSV	137°, 100%, 39%
XYZ	4.7789, 9.2031, 2.6869
YIQ	62.0060, -36.8090, -43.2810

# Conversions

## Conversions Part 2

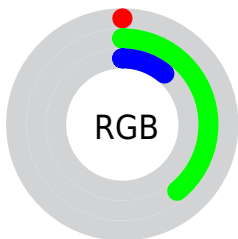
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 78, 100</a>
Decimal	<a href="#">25629</a>
CIELab	<a href="#">36.37, -41.20, 32.07</a>
CIElCh	<a href="#">36, 52.209, 142.102</a>
Yxy	<a href="#">9.2031, 0.2867, 0.5521</a>
Android (android.graphics.Color)	<a href="#">4278215709 (0xFF00641D)</a>
YUV	<a href="#">62.0060, -16.2720, -54.3793</a>
Hunter-Lab	<a href="#">30.3365, -24.9697, 15.9843</a>

# Details

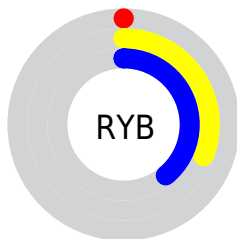
The Decimal color **25629** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6553671**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **4626509**, and **13312** is the 20% darker color. If you saturate the color by 10%, you get **25629**, and if you desaturate by 10%, it is **680996**.

# Distribution



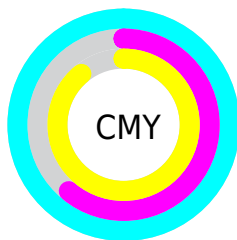
- Red (0%)
- Green (39%)
- Blue (11%)



- Red (0%)
- Yellow (31%)
- Blue (39%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (61%)



- Cyan (100%)
- Magenta (61%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25629 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 25629 by changing the saturation by 10% instead.





25629



25629

16777215



19204



4626509



13312



6468453



7680



8245119



0



10087321



11927477



13762512



15663085



25629

■ 680996

■ 1336363

■ 1991730

■ 2647097

■ 3302465

■ 3957832

■ 4613199

■ 5268566

■ 5923933

# Harmonies

## Analogous

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



4873472



25629



26697

# Triad

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



25629



24233



10365497

# Complementary

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



25629



6553671

# 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.



10102627



25629



3821476

# Square

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



25629



26263



8141450



9387281

# Rectangle

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



25629



26726



8141450



10430022



# Sweetspot

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



25629



5997158



4744192



2769457



12763842



4342338



# Same Dimension

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



25629



33318



25678



3027759



29473



62022



# Inverse Universe

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



6553671



8519772



6553622



3354162



7536721

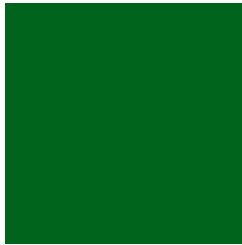


15859884



# Previews

## White Background



This preview shows how the Decimal color 25629 looks on a white background.

## Color Contrast Check

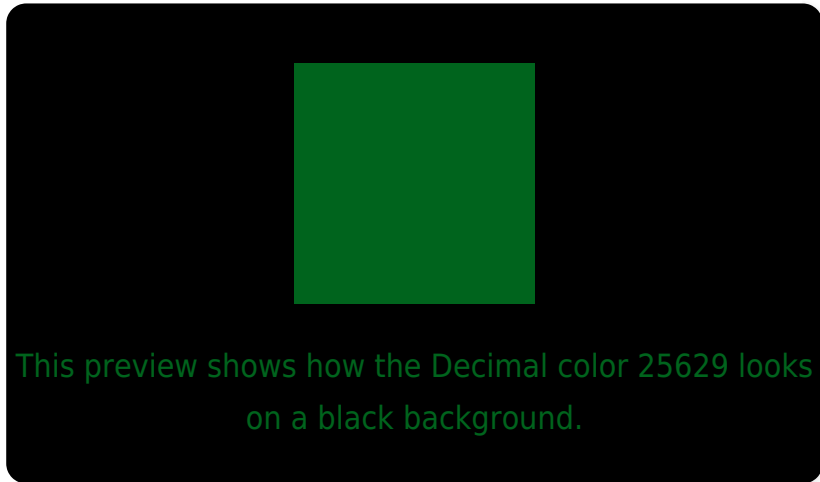
Large Text (above 18pt) WCAG AA ✓ Pass

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 25629 Background



This preview shows how black text looks on a background with the Decimal color 25629.



This preview shows how white text looks on a background with the Decimal color 25629.

# 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**  
25629

**Protanopia**  
6313497

**Deuteranopia**  
6967588



# Trichromacy



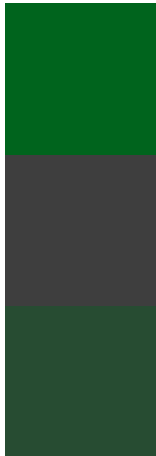
**Original Color**  
25629

**Protanomaly**  
4021018

**Deuteranomaly**  
4413473

**Tritanomaly**  
1728587

# Monochromacy



**Original Color**  
25629

**Achromatopsia**  
4079166

**Achromatomaly**  
2575410

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25629 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 #00641D looks like.

```
.text, #text, p{  
    color:#00641D  
}
```

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 #00641D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00641D
}
```

## Border

The CSS property to change the border of an element to Decimal 25629 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
#00641D }
```

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

```
.border{ border-color:#00641D }
```

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

Here you see how a box with a 4 pixel #00641D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00641D; -webkit-box-shadow:4px 4px  
4px 4px #00641D; box-shadow:4px 4px 4px  
4px #00641D }
```

# Background

The CSS property to change the background color of an element to Decimal 25629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00641D }
```

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

```
.background{ background-color:#00641D }
```

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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