

# Converting Colors

Decimal(25930)

Have a look what the booklet for  
Decimal(25930) contains.

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# Color

**Decimal(25930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00654A
RGB	0, 101, 74
RGB Percent	0%, 40%, 29%
CMY	1.0000, 0.6039, 0.7098
CMYK	1.00, 0.00, 0.27, 0.60
HSL	164°, 100%, 20%
HSV	164°, 100%, 40%
XYZ	5.8897, 9.8018, 8.0601
YIQ	67.7230, -51.5290, -29.8090

# Conversions

## Conversions Part 2

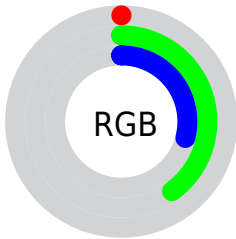
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 58, 101
Decimal	25930
CIELab	37.48, -32.68, 8.24
CIELCh	37, 33.699, 165.850
Yxy	9.8018, 0.2480, 0.4127
Android (android.graphics.Color)	4278216010 (0xFF00654A)
YUV	67.7230, 3.0946, -59.3931
Hunter-Lab	31.3078, -21.2087, 6.6515

# Details

The Decimal color **25930** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6619163**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **4626811**, and **13598** is the 20% darker color. If you saturate the color by 10%, you get **25930**, and if you desaturate by 10%, it is **681293**.

# Distribution



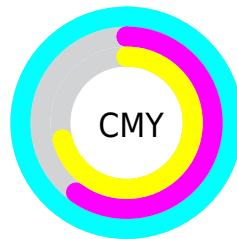
- Red (0%)
- Green (40%)
- Blue (29%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (60%)



- Cyan (100%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 25930 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 25930 by changing the saturation by 10% instead.





■ 681293

■ 1336655

■ 1992018

■ 2647381

■ 3368280

■ 4023642

■ 4679005

■ 5334368

■ 5989730

# Harmonies

## Analogous

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



3891761



25930



26214

# Triad

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



25930



4478605



8669234

# Complementary

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



25930



6619163

# 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.



9126219



25930



7162750

# Square

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



25930



24461



8667750



7557666

# Rectangle

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



25930



25975



8667750



8930618



# Sweetspot

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



25930



5997176



1926400



2769468



12763842



4342338



# Same Dimension

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



25930



33375



20325



3027762



29524



62129



# Inverse Universe

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



6619163



8519715



6624768



3354159



7536671



15859777



# Previews

## White Background



This preview shows how the Decimal color 25930 looks on a white background.

## Color Contrast Check

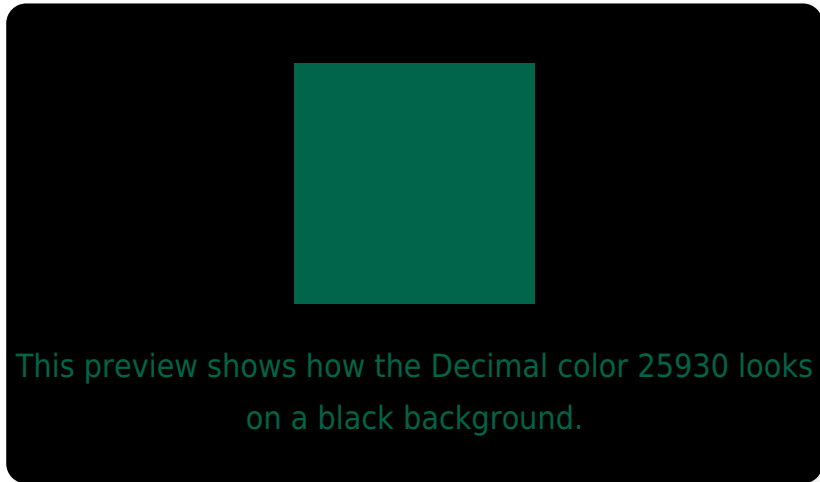
Large Text (above 18pt) WCAG AA ✓ Pass

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

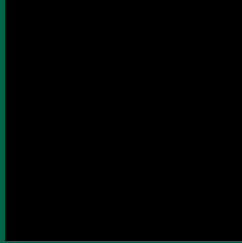
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 25930 Background



This preview shows how black text looks on a background with the Decimal color 25930.



This preview shows how white text looks on a background with the Decimal color 25930.

# 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**  
25930

**Protanopia**  
6182980

**Deuteranopia**  
6640974



# Trichromacy



**Original Color**  
25930

**Protanomaly**  
3956038

**Deuteranomaly**  
4217677

**Tritanomaly**  
1401438

# Monochromacy



**Original Color**  
25930

**Achromatopsia**  
4473924

**Achromatomaly**  
2838598

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 25930 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 #00654A looks like.

```
.text, #text, p{  
    color:#00654A  
}
```

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 #00654A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00654A
}
```

## Border

The CSS property to change the border of an element to Decimal 25930 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
#00654A }
```

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

```
.border{ border-color:#00654A }
```

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

Here you see how a box with a 4 pixel #00654A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00654A; -webkit-box-shadow:4px 4px  
4px 4px #00654A; box-shadow:4px 4px 4px  
4px #00654A }
```

# Background

The CSS property to change the background color of an element to Decimal 25930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00654A }
```

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

```
.background{ background-color:#00654A }
```

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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