

# Converting Colors

Decimal(3050301)

Have a look what the booklet for  
Decimal(3050301) contains.

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# Color

**Decimal(3050301)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2E8B3D                       |
| RGB         | 46, 139, 61                  |
| RGB Percent | 18%, 55%, 24%                |
| CMY         | 0.8196, 0.4549, 0.7608       |
| CMYK        | 0.67, 0.00, 0.56, 0.45       |
| HSL         | 130°, 50%, 36%               |
| HSV         | 130°, 67%, 55%               |
| XYZ         | 11.2016, 19.3830, 7.5658     |
| YIQ         | 102.3010, -30.3900, -43.9740 |

# Conversions

## Conversions Part 2

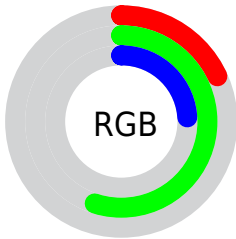
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 46, 126, 139                    |
| Decimal                             | 3050301                         |
| CIELab                              | 51.13, -44.22, 33.52            |
| CIElCh                              | 51, 55.491, 142.836             |
| Yxy                                 | 19.3830, 0.2936,<br>0.5081      |
| Android<br>(android.graphics.Color) | 4281240381<br>(0xFF2E8B3D)      |
| YUV                                 | 102.3010, -20.3614,<br>-49.3760 |
| Hunter-Lab                          | 44.0261, -31.6297,<br>20.6294   |

# Details

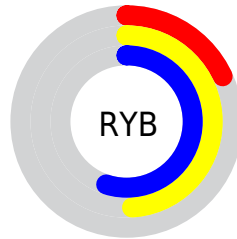
The Decimal color **3050301** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9121404**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **6865263**, and **22540** is the 20% darker color. If you saturate the color by 10%, you get **2132785**, and if you desaturate by 10%, it is **3967817**.

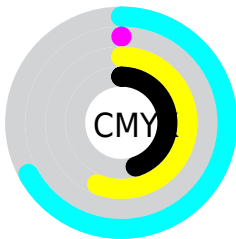
# Distribution



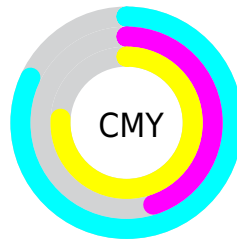
- Red (18%)
- Green (55%)
- Blue (24%)



- Red (18%)
- Yellow (49%)
- Blue (55%)



- Cyan (67%)
- Magenta (0%)
- Yellow (56%)
- Black (45%)



- Cyan (82%)
- Magenta (45%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3050301 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 3050301 by changing the saturation by 10% instead.



 3050301

 3050301

16777215

 225573

 6865263

 22540

 8642185

 16128

 10484643

 10752

 12386239

 2048

 14286811

 0

 16187383

 3050301

 3050301

 2132785

 3967817

■ 1215270

■ 4885332

■ 297754

■ 5802848

■ 35606

■ 6720364

■ 7572343

■ 8489859

■ 9407375

■ 10324890

■ 11242406

# Harmonies

## Analogous

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



7242261



3050301



36716

# Triad

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



3050301



33752



13520728

# Complementary

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



3050301



9121404

# 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.



13192327



3050301



6582994

# Square

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



3050301



36037



11034036



12410926

# Rectangle

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



3050301



37005



11034036



13585511



# Sweetspot

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



3050301



9549207



8227630



4611145



14408667



6052956



# Same Dimension

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



3050301



2405692



3050346



4080959



34069



1281



# Inverse Universe

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



9121404



11871390



9121359



4537924



8716399



327684



# Previews

## White Background



This preview shows how the Decimal color 3050301 looks on a white background.

## Color Contrast Check

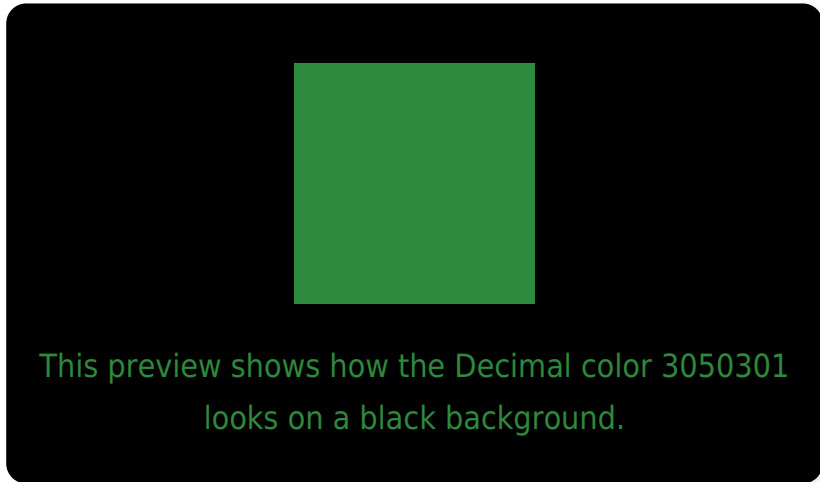
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

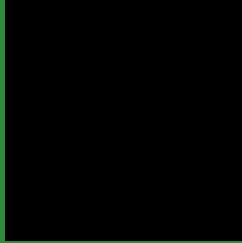
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 3050301 Background



This preview shows how black text looks on a background with the Decimal color 3050301.



This preview shows how white text looks on a background with the Decimal color 3050301.

# 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**  
3050301

**Protanopia**  
8812855

**Deuteranopia**  
9728835

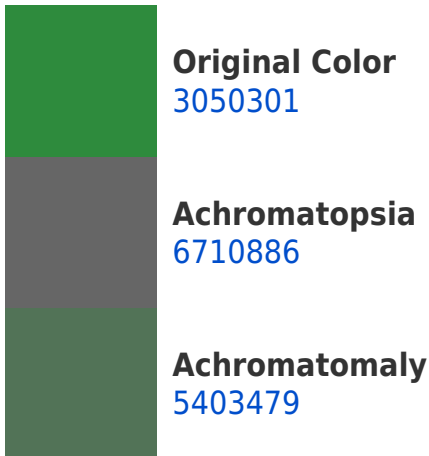


**Tritanopia**  
4555661

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3050301 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 #2E8B3D looks like.

```
.text, #text, p{  
    color:#2E8B3D  
}
```

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 #2E8B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8B3D
}
```

## Border

The CSS property to change the border of an element to Decimal 3050301 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
#2E8B3D }
```

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

```
.border{ border-color:#2E8B3D }
```

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

Here you see how a box with a 4 pixel #2E8B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8B3D; -webkit-box-shadow:4px 4px  
4px 4px #2E8B3D; box-shadow:4px 4px 4px  
4px #2E8B3D }
```

# Background

The CSS property to change the background color of an element to Decimal 3050301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8B3D }
```

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

```
.background{ background-color:#2E8B3D }
```

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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