

# Converting Colors

Decimal(3042362)

Have a look what the booklet for  
Decimal(3042362) contains.

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# Color

**Decimal(3042362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E6C3A
RGB	46, 108, 58
RGB Percent	18%, 42%, 23%
CMY	0.8196, 0.5765, 0.7725
CMYK	0.57, 0.00, 0.46, 0.58
HSL	132°, 40%, 30%
HSV	132°, 57%, 42%
XYZ	7.2530, 11.6115, 5.8619
YIQ	83.7620, -20.9020, -28.6940

# Conversions

## Conversions Part 2

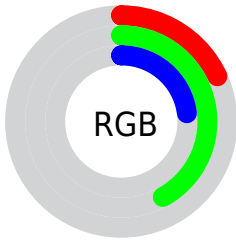
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 98, 108
Decimal	3042362
CIELab	40.59, -31.85, 22.05
CIElCh	41, 38.741, 145.303
Yxy	11.6115, 0.2933, 0.4696
Android (android.graphics.Color)	4281232442 (0xFF2E6C3A)
YUV	83.7620, -12.7007, -33.1173
Hunter-Lab	34.0756, -21.6385, 13.6534

# Details

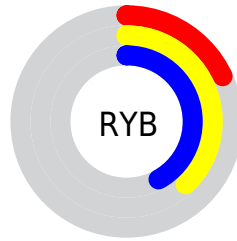
The Decimal color **3042362** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7089760**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **6463594**, and **15374** is the 20% darker color. If you saturate the color by 10%, you get **2321457**, and if you desaturate by 10%, it is **3763267**.

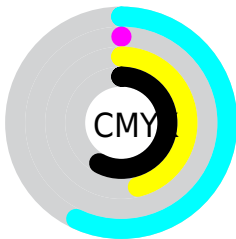
# Distribution



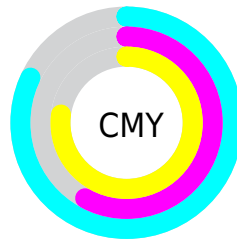
- Red (18%)
- Green (42%)
- Blue (23%)



- Red (18%)
- Yellow (38%)
- Blue (42%)



- Cyan (57%)
- Magenta (0%)
- Yellow (46%)
- Black (58%)



- Cyan (82%)
- Magenta (58%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3042362 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 3042362 by changing the saturation by 10% instead.





3042362



3042362

16777215



1200932



6463594



15374



8174467



9728



9951134



1024



11728057



0



13565908



15466481



3042362



3042362



2321457



3763267

■ 1600553

■ 4484171

■ 945184

■ 5139540

■ 224279

■ 5860445

■ 27669

■ 6581350

■ 7302254

■ 8023159

■ 8678528

■ 9399432

# Harmonies

## Analogous

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



5727779



3042362



28505

# Triad

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



3042362



26015



10044998

# Complementary

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



3042362



7089760

# 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.



9913446



3042362



5855641

# Square

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



3042362



27795



8539268



9261100

# Rectangle

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



3042362



28527



8539268



10110033



# Sweetspot

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



3042362



7638137



6384686



3753788



13092807



4671303



# Same Dimension

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



3042362



2853950



3042392



3159601



29975



62767



# Inverse Universe

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



7089760



9186170



7089730



3551285



7667807

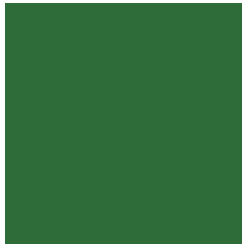


16056517



# Previews

## White Background



This preview shows how the Decimal color 3042362 looks on a white background.

## Color Contrast Check

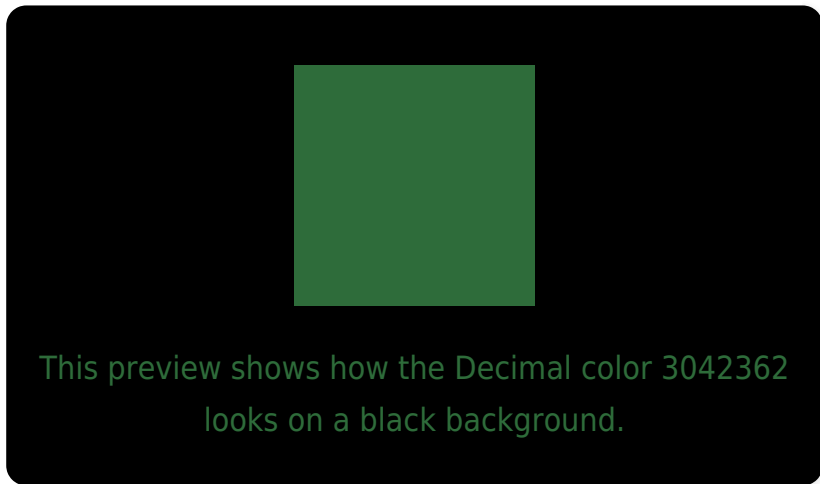
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

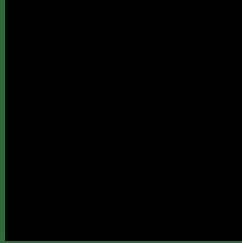
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3042362 Background



This preview shows how black text looks on a background with the Decimal color 3042362.



This preview shows how white text looks on a background with the Decimal color 3042362.

# 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**  
3042362

**Protanopia**  
6905653

**Deuteranopia**  
7494462



# Trichromacy



**Original Color**  
3042362

**Protanomaly**  
5530679

**Deuteranomaly**  
5857597

**Tritanomaly**  
3631195

# Monochromacy



**Original Color**  
3042362

**Achromatopsia**  
5526612

**Achromatomaly**  
4611403

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3042362 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 #2E6C3A looks like.

```
.text, #text, p{  
  color:#2E6C3A  
}
```

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 #2E6C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6C3A
}
```

## Border

The CSS property to change the border of an element to Decimal 3042362 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".

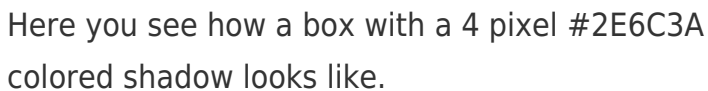
```
.border, #border, table{ border:4px solid
#2E6C3A }
```

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

```
.border{ border-color:#2E6C3A }
```

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

Here you see how a box with a 4 pixel #2E6C3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6C3A; -webkit-box-shadow:4px 4px  
4px 4px #2E6C3A; box-shadow:4px 4px 4px  
4px #2E6C3A }
```

# Background

The CSS property to change the background color of an element to Decimal 3042362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6C3A }
```

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

```
.background{ background-color:#2E6C3A }
```

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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