

# Converting Colors

Decimal(3032590)

Have a look what the booklet for  
Decimal(3032590) contains.

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**Color**

**Decimal(3032590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E460E
RGB	46, 70, 14
RGB Percent	18%, 27%, 5%
CMY	0.8196, 0.7255, 0.9451
CMYK	0.34, 0.00, 0.80, 0.73
HSL	86°, 67%, 16%
HSV	86°, 80%, 27%
XYZ	3.3961, 4.9929, 1.2002
YIQ	56.4400, 3.6720, -22.5040

# Conversions

## Conversions Part 2

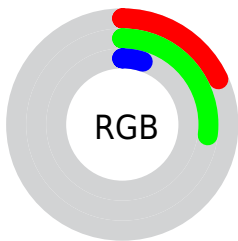
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 70, 38
Decimal	3032590
CIE <sub>Lab</sub>	26.71, -19.43, 29.14
CIE <sub>LCh</sub>	27, 35.020, 123.698
Yxy	4.9929, 0.3542, 0.5207
Android (android.graphics.Color)	4281222670 (0xFF2E460E)
YUV	56.4400, -20.9229, -9.1559
Hunter-Lab	22.3447, -11.9733, 12.4567

# Details

The Decimal color **3032590** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2494022**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **6190908**, and **7168** is the 20% darker color. If you saturate the color by 10%, you get **2835975**, and if you desaturate by 10%, it is **3229205**.

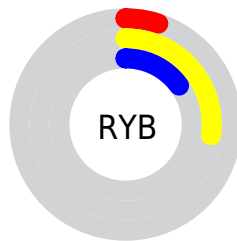
# Distribution



Red (18%)

Green (27%)

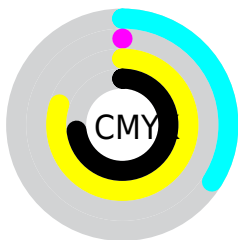
Blue (5%)



Red (5%)

Yellow (27%)

Blue (15%)

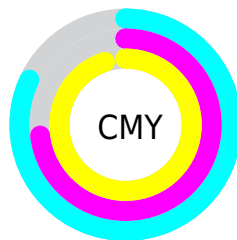


Cyan (34%)

Magenta (0%)

Yellow (80%)

Black (73%)



Cyan (82%)

Magenta (73%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3032590 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 3032590 by changing the saturation by 10% instead.



 3032590

 3032590

 16777205

 1650432

 6190908

 7168

 7901268

 0

 9612141

 11388551

 13230753

 15073212

 16777176

 3032590

 3032590

■ 2835975

■ 3229205

■ 2639360

■ 3425820

■ 3622435

■ 3819050

■ 4015665

■ 4212280

■ 4408895

■ 4605510

■ 4802125

# Harmonies

## Analogous

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



4865794



3032590



18982

# Triad

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



3032590



18543



7284029

# Complementary

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



3032590



2494022

# 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.



6433623



3032590



16757

# Square

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



3032590



19292



4470636



7088675

# Rectangle

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



3032590



19256



4470636



7087686



# Sweetspot

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



3032590



5397574



4597006



2633249



11382189



3026478



# Same Dimension

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



3032590



3562500



1263118



2237472



3760896



8577792



# Inverse Universe

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



2494022



2688092



4263494



2236452



2818147

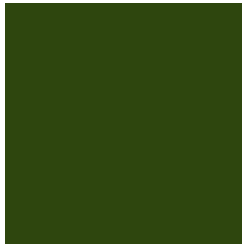


6357219



# Previews

## White Background



This preview shows how the Decimal color 3032590 looks on a white background.

## Color Contrast Check

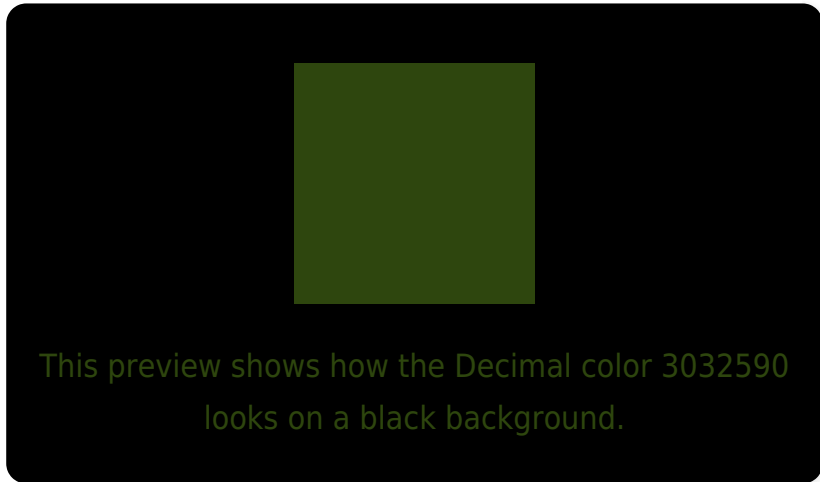
Large Text (above 18pt) WCAG AA ✓ Pass

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

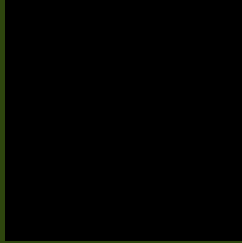
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 3032590 Background



This preview shows how black text looks on a background with the Decimal color 3032590.



This preview shows how white text looks on a background with the Decimal color 3032590.

# 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](#).

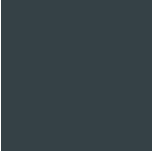
## Dichromacy



**Original Color**  
3032590

**Protanopia**  
4669196

**Deuteranopia**  
5192723



**Tritanopia**  
3490118

# Trichromacy



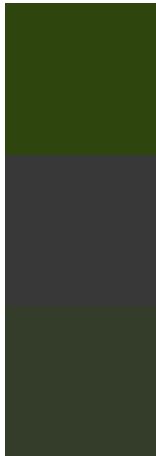
**Original Color**  
3032590

**Protanomaly**  
4080141

**Deuteranomaly**  
4407313

**Tritanomaly**  
3294002

# Monochromacy



**Original Color**  
3032590

**Achromatopsia**  
3684408

**Achromatomaly**  
3423529

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3032590 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 #2E460E looks like.

```
.text, #text, p{  
    color:#2E460E  
}
```

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 #2E460E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E460E
}
```

## Border

The CSS property to change the border of an element to Decimal 3032590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

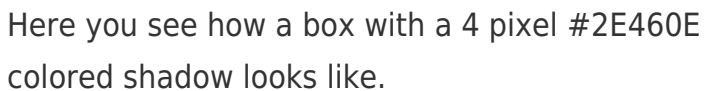
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E460E }
```

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

```
.border{ border-color:#2E460E }
```

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



Here you see how a box with a 4 pixel #2E460E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E460E; -webkit-box-shadow:4px 4px  
4px 4px #2E460E; box-shadow:4px 4px 4px  
4px #2E460E }
```

# Background

The CSS property to change the background color of an element to Decimal 3032590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E460E }
```

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

```
.background{ background-color:#2E460E }
```

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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