

# Converting Colors

Decimal(5936444)

Have a look what the booklet for  
Decimal(5936444) contains.

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# Color

**Decimal(5936444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A953C
RGB	90, 149, 60
RGB Percent	35%, 58%, 24%
CMY	0.6471, 0.4157, 0.7647
CMYK	0.40, 0.00, 0.60, 0.42
HSL	100°, 43%, 41%
HSV	100°, 60%, 58%
XYZ	15.7795, 23.9948, 8.0748
YIQ	121.2130, -6.5950, -40.1870

# Conversions

## Conversions Part 2

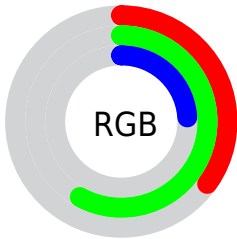
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 149, 119
Decimal	5936444
CIELab	56.08, -35.90, 40.25
CIELCh	56, 53.935, 131.727
Yxy	23.9948, 0.3298, 0.5015
Android (android.graphics.Color)	4284126524 (0xFF5A953C)
YUV	121.2130, -30.1780, -27.3738
Hunter-Lab	48.9845, -28.2221, 24.5156

# Details

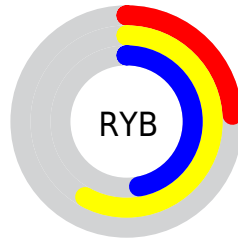
The Decimal color **5936444** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7814293**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9489518**, and **2384390** is the 20% darker color. If you saturate the color by 10%, you get **5281069**, and if you desaturate by 10%, it is **6591819**.

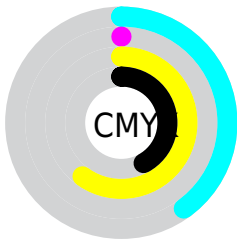
# Distribution



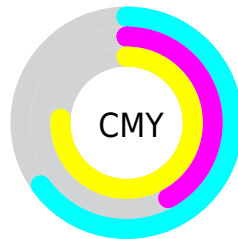
- Red (35%)
- Green (58%)
- Blue (24%)



- Red (24%)
- Yellow (58%)
- Blue (47%)



- Cyan (40%)
- Magenta (0%)
- Yellow (60%)
- Black (42%)



- Cyan (65%)
- Magenta (42%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5936444 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 5936444 by changing the saturation by 10% instead.





5936444



5936444

16777215



4225827



9489518



2384390



11266185



215296



13107108



12800



15007679



7424



16777179



0



16777208



5936444



5936444



5281069



6591819

■ 4625694

■ 7247194

■ 3970319

■ 7902569

■ 3314944

■ 8557944

■ 9147783

■ 9803157

■ 10458532

■ 11113907

■ 11769282

# Harmonies

## Analogous

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



9341473



5936444



39783

# Triad

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



5936444



37855



14441334

# Complementary

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



5936444



7814293

# 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.



13459621



5936444



5080546

# Square

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



5936444



39876



10580685



13854538

# Rectangle

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



5936444



40328



10580685



14310022



# Sweetspot

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



5936444



11256479



9795132



5464396



14737632



6381921



# Same Dimension

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



5936444



6668854



3970377



4540995



3049984



199168



# Inverse Universe

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



7814293



9647810



9780360



4670282



5963914



458762



# Previews

## White Background



This preview shows how the Decimal color 5936444 looks on a white background.

## Color Contrast Check

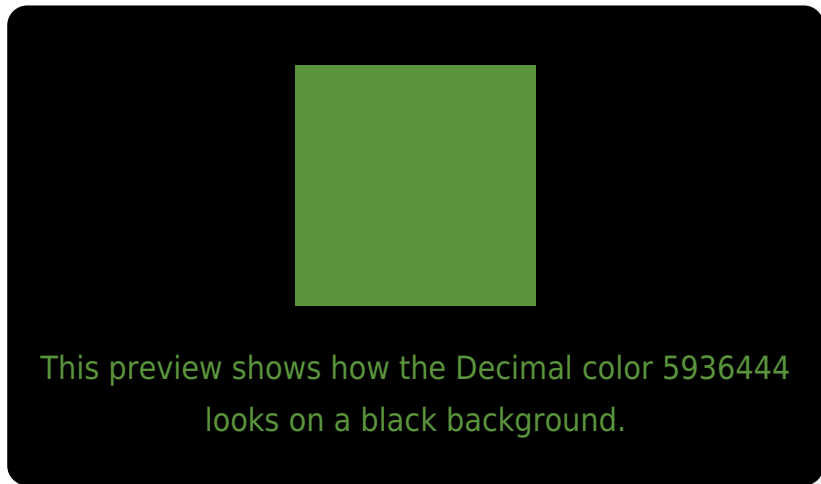
Large Text (above 18pt) WCAG AA ✓ Pass

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 5936444 Background



This preview shows how black text looks on a background with the Decimal color 5936444.



This preview shows how white text looks on a background with the Decimal color 5936444.

# 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





**Tritanopia**  
6917271

# Trichromacy



**Original Color**  
5936444

**Protanomaly**  
8424249

**Deuteranomaly**  
9078592

**Tritanomaly**  
6590326

# Monochromacy



**Original Color**  
5936444

**Achromatopsia**  
7960953

**Achromatomaly**  
7242595

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5936444 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 #5A953C looks like.

```
.text, #text, p{  
    color:#5A953C  
}
```

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 #5A953C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A953C
}
```

## Border

The CSS property to change the border of an element to Decimal 5936444 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
#5A953C }
```

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

```
.border{ border-color:#5A953C }
```

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

Here you see how a box with a 4 pixel #5A953C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A953C; -webkit-box-shadow:4px 4px  
4px 4px #5A953C; box-shadow:4px 4px 4px  
4px #5A953C }
```

# Background

The CSS property to change the background color of an element to Decimal 5936444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A953C }
```

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

```
.background{ background-color:#5A953C }
```

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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