

# Converting Colors

Decimal(60740)

Have a look what the booklet for  
Decimal(60740) contains.

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# **Color**

**Decimal(60740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00ED44
RGB	0, 237, 68
RGB Percent	0%, 93%, 27%
CMY	1.0000, 0.0706, 0.7333
CMYK	1.00, 0.00, 0.71, 0.07
HSL	137°, 100%, 46%
HSV	137°, 100%, 93%
XYZ	31.3276, 60.9857, 15.5891
YIQ	146.8710, -87.0030, -102.8030

# Conversions

## Conversions Part 2

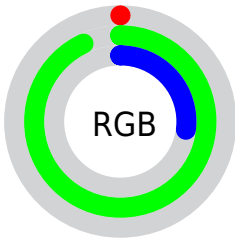
Format	Color
<a href="#">RYB</a>	<a href="#">0, 184, 237</a>
Decimal	<a href="#">60740</a>
CIELab	<a href="#">82.37, -78.63, 64.98</a>
CIELCh	<a href="#">82, 102.004, 140.432</a>
Yxy	<a href="#">60.9857, 0.2903, 0.5652</a>
Android (android.graphics.Color)	<a href="#">4278250820 (0xFF00ED44)</a>
YUV	<a href="#">146.8710, -38.8834, -128.8059</a>
Hunter-Lab	<a href="#">78.0934, -65.0571, 42.8298</a>

# Details

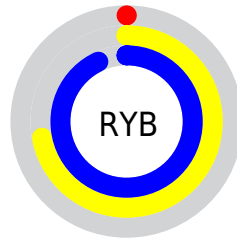
The Decimal color **60740** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **15532201**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7470973**, and **45824** is the 20% darker color. If you saturate the color by 10%, you get **60740**, and if you desaturate by 10%, it is **1633621**.

# Distribution



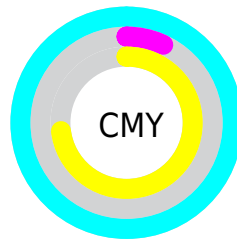
- Red (0%)
- Green (93%)
- Blue (27%)



- Red (0%)
- Yellow (72%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 60740 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 60740 by changing the saturation by 10% instead.





 60740

 1633621

 3140966

 4713847

 6286728

 7794073

 9366953

 10939834

 12512715

 14020060

# Harmonies

## Analogous

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



12114944



60740



62890

# Triad

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



60740



58111



16737169

# Complementary

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



60740



15532201

# 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.



16736496



60740



7913983

# Square

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



60740



62207



16749055



16749107

# Rectangle

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



60740



63469



16749055



16734896

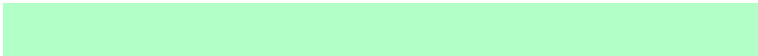


# Sweetspot

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



60740



11796424



11201792



5406815



0



8421504



# Same Dimension

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



60740



65353



60858



6976877



46388



13839



# Inverse Universe

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



15532201



16711862



15532083



7694962



11862145

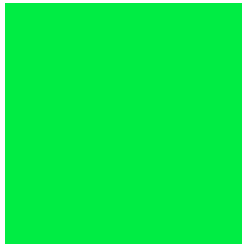


3538982



# Previews

## White Background



This preview shows how the Decimal color 60740 looks on a white background.

## Color Contrast Check

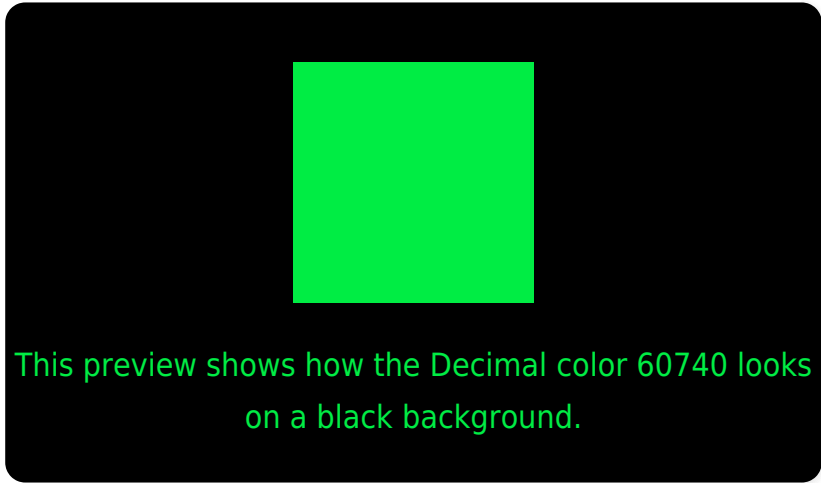
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Decimal 60740 Background



This preview shows how black text looks on a background with the Decimal color 60740.

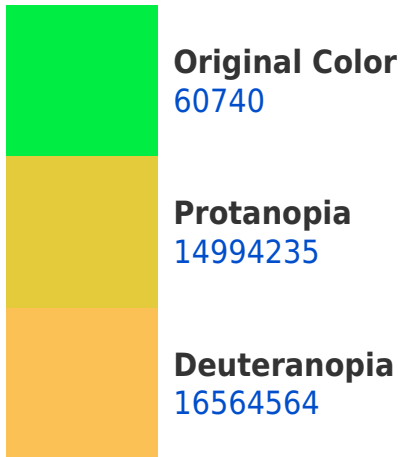


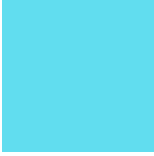
This preview shows how white text looks on a background with the Decimal color 60740.

# 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**  
6413807

# Trichromacy



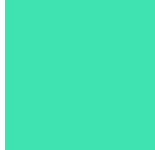
**Original Color**  
60740



**Protanomaly**  
9557822



**Deuteranomaly**  
10539342



**Tritanomaly**  
4121521

# Monochromacy



**Original Color**  
60740



**Achromatopsia**  
9671571



**Achromatomaly**  
6206582

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 60740 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 #00ED44 looks like.

```
.text, #text, p{  
    color:#00ED44  
}
```

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 #00ED44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED44
}
```

## Border

The CSS property to change the border of an element to Decimal 60740 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
#00ED44 }
```

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

```
.border{ border-color:#00ED44 }
```

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

Here you see how a box with a 4 pixel #00ED44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED44; -webkit-box-shadow:4px 4px  
4px 4px #00ED44; box-shadow:4px 4px 4px  
4px #00ED44 }
```

# Background

The CSS property to change the background color of an element to Decimal 60740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED44 }
```

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

```
.background{ background-color:#00ED44 }
```

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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