

Converting Colors

Decimal(60776)

Have a look what the booklet for
Decimal(60776) contains.

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Color

Decimal(60776)

Conversions

Conversions Part 1

Format	Color
Hex	00ED68
RGB	0, 237, 104
RGB Percent	0%, 93%, 41%
CMY	1.0000, 0.0706, 0.5922
CMYK	1.00, 0.00, 0.56, 0.07
HSL	146°, 100%, 46%
HSV	146°, 100%, 93%
XYZ	32.7829, 61.5678, 23.2527
YIQ	150.9750, -98.5590, -91.6070

Conversions

Conversions Part 2

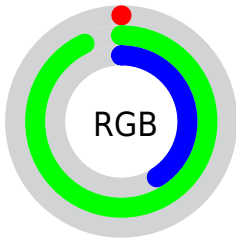
Format	Color
RYB	0, 165, 237
Decimal	60776
CIELab	82.68, -74.71, 50.60
CIELCh	83, 90.230, 145.892
Yxy	61.5678, 0.2788, 0.5235
Android (android.graphics.Color)	4278250856 (0xFF00ED68)
YUV	150.9750, -23.1587, -132.4051
Hunter-Lab	78.4652, -62.7365, 37.3554

Details

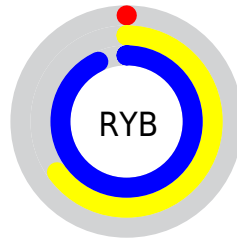
The Decimal color **60776** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **15532165**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7339934**, and **45875** is the 20% darker color. If you saturate the color by 10%, you get **60776**, and if you desaturate by 10%, it is **1633653**.

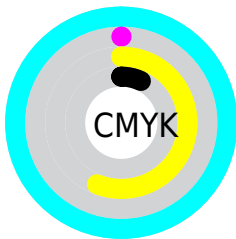
Distribution



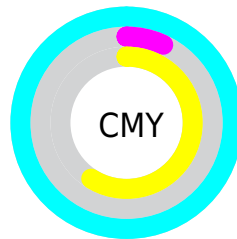
- Red (0%)
- Green (93%)
- Blue (41%)



- Red (0%)
- Yellow (65%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 60776 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 60776 by changing the saturation by 10% instead.



 60776

 1633653

 3140995

 4713872

 6286749

 7794091

 9366968

 10939845

 12512722

 14020064

Harmonies

Analogous

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



11460352



60776



62655

Triad

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



60776



56575



16744073

Complementary

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



60776



15532165

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.



16741853



60776



11779327

Square

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



60776



60927



16749823



16753468

Rectangle

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



60776



62970



16749823



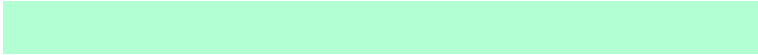
16742053

Sweetspot

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



60776



11796436



8842496



5406822



0



8421504

Same Dimension

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



60776



65392



60893



6976879



46415



13847

Inverse Universe

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



15532165



16711823



15532048



7694960



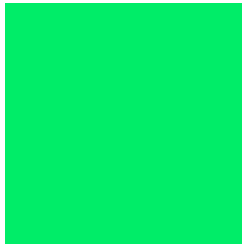
11862118



3538974

Previews

White Background



This preview shows how the Decimal color 60776 looks on a white background.

Color Contrast Check

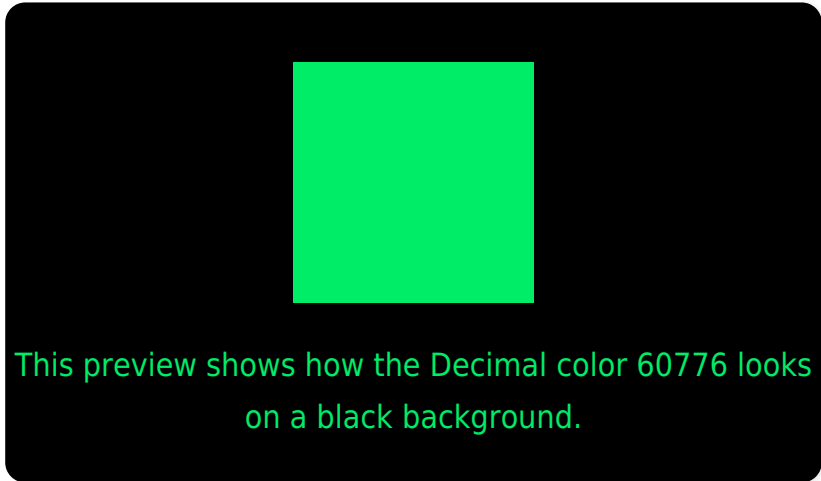
Large Text (above 18pt) WCAG AA × Fail

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 60776 Background



This preview shows how black text looks on a background with the Decimal color 60776.

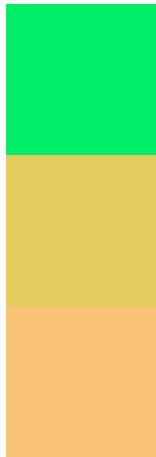


This preview shows how white text looks on a background with the Decimal color 60776.

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](#).

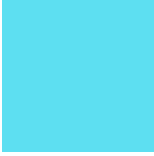
Dichromacy



Original Color
60776

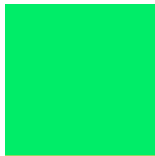
Protanopia
14863454

Deuteranopia
16368244



Tritanopia
6152177

Trichromacy



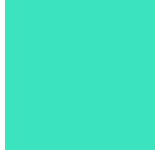
Original Color
60776



Protanomaly
9492578



Deuteranomaly
10408560



Tritanomaly
3925183

Monochromacy



Original Color
60776



Achromatopsia
9934743



Achromatomaly
6338182

CSS Examples

Text

The CSS property to change the color of the text to Decimal 60776 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 #00ED68 looks like.

```
.text, #text, p{  
    color:#00ED68  
}
```

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 #00ED68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ED68
}
```

Border

The CSS property to change the border of an element to Decimal 60776 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
#00ED68 }
```

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

```
.border{ border-color:#00ED68 }
```

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

Here you see how a box with a 4 pixel #00ED68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ED68; -webkit-box-shadow:4px 4px  
4px 4px #00ED68; box-shadow:4px 4px 4px  
4px #00ED68 }
```

Background

The CSS property to change the background color of an element to Decimal 60776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ED68 }
```

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

```
.background{ background-color:#00ED68 }
```

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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