

Converting Colors

Decimal(1633536)

Have a look what the booklet for
Decimal(1633536) contains.

Decimal(1633536)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1633536)

Conversions

Conversions Part 1

Format	Color
Hex	18ED00
RGB	24, 237, 0
RGB Percent	9%, 93%, 0%
CMY	0.9059, 0.0706, 1.0000
CMYK	0.90, 0.00, 1.00, 0.07
HSL	114°, 100%, 46%
HSV	114°, 100%, 93%
XYZ	30.6609, 60.7626, 10.1124
YIQ	146.2950, -50.8710, -118.8630

Conversions

Conversions Part 2

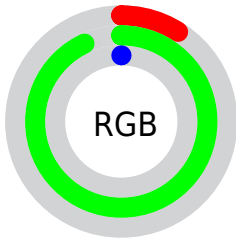
Format	Color
RYB	0, 237, 213
Decimal	1633536
CIELab	82.25, -80.58, 78.83
CIELCh	82, 112.725, 135.631
Yxy	60.7626, 0.3020, 0.5984
Android (android.graphics.Color)	4279823616 (0xFF18ED00)
YUV	146.2950, -72.1234, -107.2527
Hunter-Lab	77.9503, -66.2022, 46.8737

Details

The Decimal color **1633536** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **13959405**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **7864152**, and **45824** is the 20% darker color. If you saturate the color by 10%, you get **1633536**, and if you desaturate by 10%, it is **3009816**.

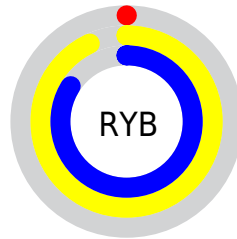
Distribution



Red (9%)

Green (93%)

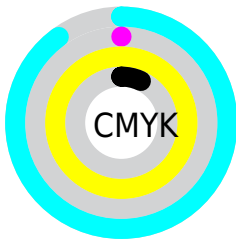
Blue (0%)



Red (0%)

Yellow (93%)

Blue (84%)

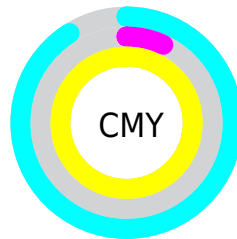


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (91%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1633536 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 1633536 by changing the saturation by 10% instead.

 1633536


 1633536

16777215

 53248

 7864152

 45824

 10157943

 38656

 12320660

 31744

 14417842

 24832

 16515023

 18176

 16777197

 11776

 3840

 0

 1633536

 3009816

 4451631

 5827911

 7204191

 8646006

 10022286

 11398566

 12774846

 14216661

Harmonies

Analogous

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



12835072



1633536



63380

Triad

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



1633536



59647



16727195

Complementary

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



1633536



13959405

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.



16731135



1633536



51199

Square

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



1633536



63487



16749055



16743985

Rectangle

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



1633536



63967



16749055



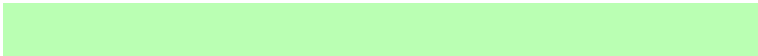
16724158

Sweetspot

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



1633536



12255155



15585536



5668946



0



8421504

Same Dimension

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



1633536



1769216



60763



7042410



1225984



341504

Inverse Universe

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



13959405



15007999



15532178



7629429



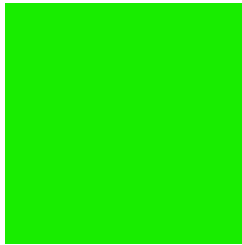
10682549



3145782

Previews

White Background



This preview shows how the Decimal color 1633536 looks on a white background.

Color Contrast Check

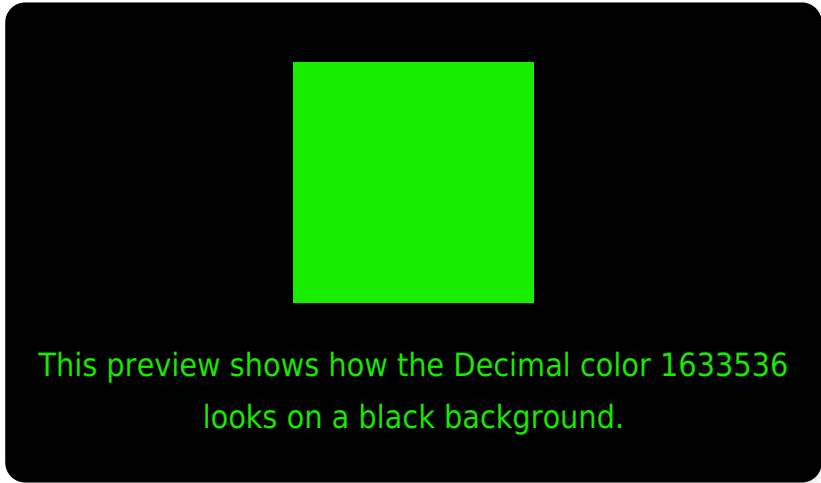
Large Text (above 18pt) WCAG AA × Fail

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 1633536 Background



This preview shows how black text looks on a background with the Decimal color 1633536.

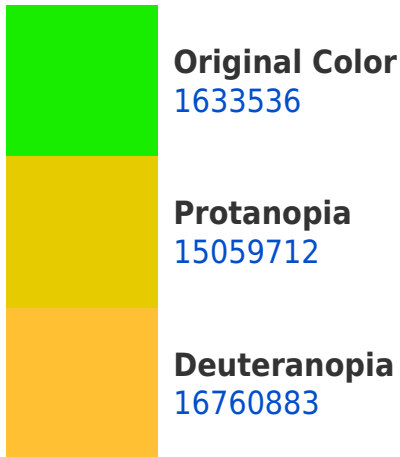


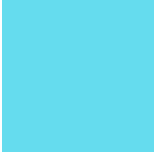
This preview shows how white text looks on a background with the Decimal color 1633536.

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](#).

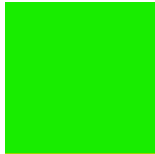
Dichromacy





Tritanopia
6675694

Trichromacy



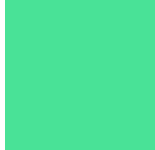
Original Color
1633536



Protanomaly
10147584

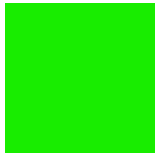


Deuteranomaly
11259936



Tritanomaly
4842135

Monochromacy



Original Color
1633536



Achromatopsia
9605778



Achromatomaly
6730589

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1633536 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 #18ED00 looks like.

```
.text, #text, p{  
    color:#18ED00  
}
```

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 #18ED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18ED00
}
```

Border

The CSS property to change the border of an element to Decimal 1633536 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
#18ED00 }
```

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

```
.border{ border-color:#18ED00 }
```

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

Here you see how a box with a 4 pixel #18ED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18ED00; -webkit-box-shadow:4px 4px  
4px 4px #18ED00; box-shadow:4px 4px 4px  
4px #18ED00 }
```

Background

The CSS property to change the background color of an element to Decimal 1633536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18ED00 }
```

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

```
.background{ background-color:#18ED00 }
```

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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