

Converting Colors

Decimal(1240455)

Have a look what the booklet for
Decimal(1240455) contains.

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Color

Decimal(1240455)

Conversions

Conversions Part 1

Format	Color
Hex	12ED87
RGB	18, 237, 135
RGB Percent	7%, 93%, 53%
CMY	0.9294, 0.0706, 0.4706
CMYK	0.92, 0.00, 0.43, 0.07
HSL	152°, 86%, 50%
HSV	152°, 92%, 93%
XYZ	34.9068, 62.4462, 33.1352
YIQ	159.8910, -97.7820, -78.1500

Conversions

Conversions Part 2

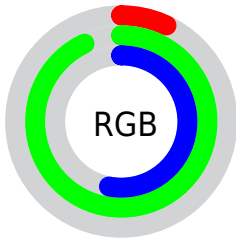
Format	Color
RYB	18, 161, 237
Decimal	1240455
CIELab	83.15, -69.31, 36.42
CIELCh	83, 78.295, 152.277
Yxy	62.4462, 0.2675, 0.4786
Android (android.graphics.Color)	4279430535 (0xFF12ED87)
YUV	159.8910, -12.2713, -124.4384
Hunter-Lab	79.0229, -59.4413, 30.4551

Details

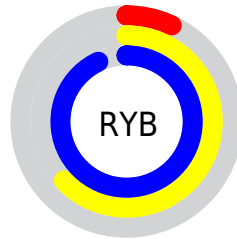
The Decimal color **1240455** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **15536760**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **7536573**, and **45908** is the 20% darker color. If you saturate the color by 10%, you get **60799**, and if you desaturate by 10%, it is **2813330**.

Distribution



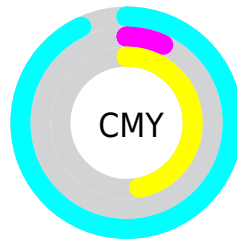
- Red (7%)
- Green (93%)
- Blue (53%)



- Red (7%)
- Yellow (63%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (43%)
- Black (7%)

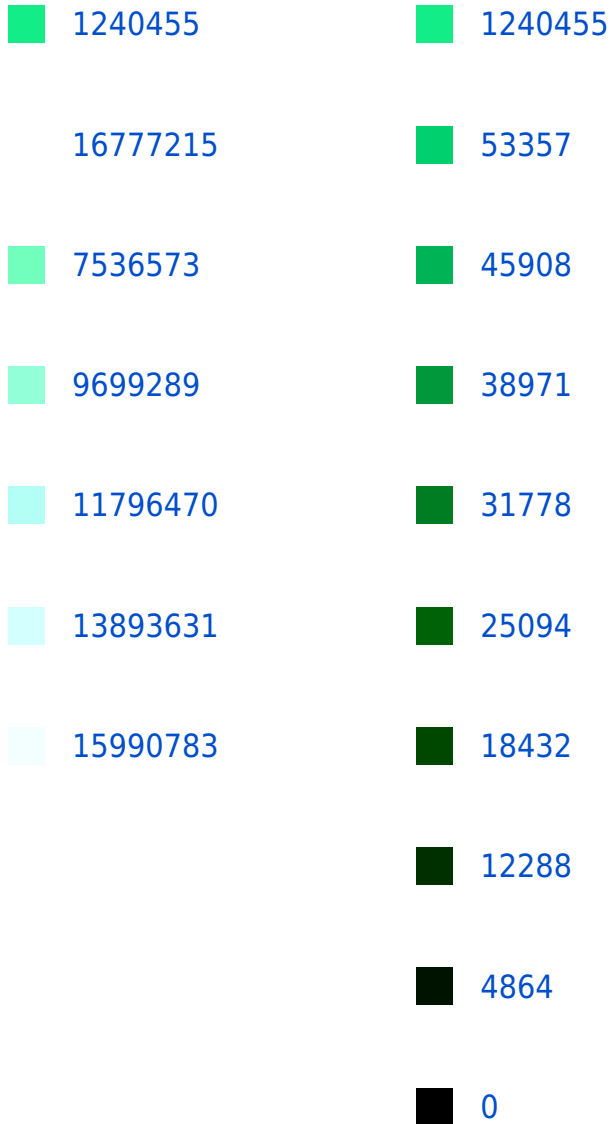


- Cyan (93%)
- Magenta (7%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1240455 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 1240455 by changing the saturation by 10% instead.



■ 1240455

■ 1240455

■ 60799

■ 2813330

■ 4320669

■ 5893544

■ 7466419

■ 8973758

■ 10546633

■ 12119508

■ 13692383

■ 15199722

Harmonies

Analogous

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



10871111



1240455



62163

Triad

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



1240455



55039



16749701

Complementary

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



1240455



15536760

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.



16746701



1240455



14137855

Square

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



1240455



59647



16751103



16757065

Rectangle

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



1240455



62207



16751103



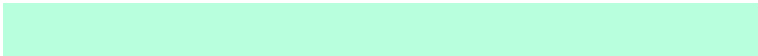
16747932

Sweetspot

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



1240455



12124126



7925010



5537899



0



8421504

Same Dimension

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



1240455



65416



1238765



6976880



46433



13853

Inverse Universe

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



15536760



16711799



15538450



7694959



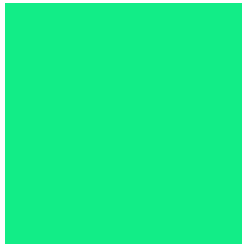
11862100



3538969

Previews

White Background



This preview shows how the Decimal color 1240455 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



This preview shows how the Decimal color 1240455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

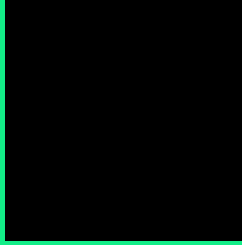
Any Text WCAG AA ✓ Pass

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 1240455 Background



This preview shows how black text looks on a background with the Decimal color 1240455.

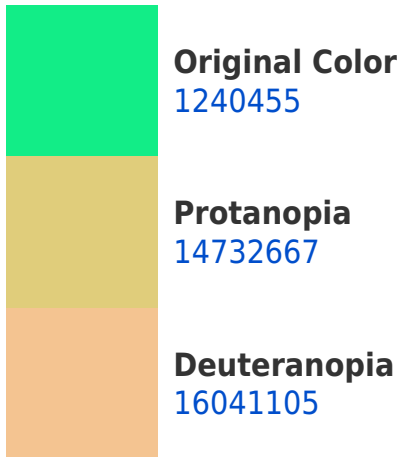


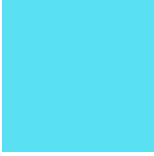
This preview shows how white text looks on a background with the Decimal color 1240455.

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
5890547

Trichromacy



Original Color

1240455



Protanomaly

9820543



Deuteranomaly

10670989



Tritanomaly

4187596

Monochromacy



Original Color

1240455



Achromatopsia

10526880



Achromatomaly

7126167

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1240455 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 #12ED87 looks like.

```
.text, #text, p{  
    color:#12ED87  
}
```

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 #12ED87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12ED87
}
```

Border

The CSS property to change the border of an element to Decimal 1240455 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
#12ED87 }
```

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

```
.border{ border-color:#12ED87 }
```

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

Here you see how a box with a 4 pixel #12ED87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12ED87; -webkit-box-shadow:4px 4px  
4px 4px #12ED87; box-shadow:4px 4px 4px  
4px #12ED87 }
```

Background

The CSS property to change the background color of an element to Decimal 1240455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12ED87 }
```

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

```
.background{ background-color:#12ED87 }
```

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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