

Converting Colors

Decimal(1239165)

Have a look what the booklet for
Decimal(1239165) contains.

Decimal(1239165)	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(1239165)

Conversions

Conversions Part 1

Format	Color
Hex	12E87D
RGB	18, 232, 125
RGB Percent	7%, 91%, 49%
CMY	0.9294, 0.0902, 0.5098
CMYK	0.92, 0.00, 0.46, 0.09
HSL	150°, 86%, 49%
HSV	150°, 92%, 91%
XYZ	32.8077, 59.3225, 29.1233
YIQ	155.8160, -93.1970, -78.6450

Conversions

Conversions Part 2

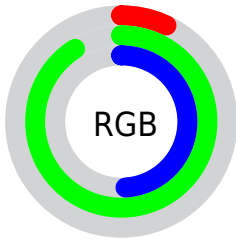
Format	Color
RYB	18, 161, 232
Decimal	1239165
CIELab	81.47, -69.39, 39.19
CIElCh	81, 79.687, 150.543
Yxy	59.3225, 0.2706, 0.4892
Android (android.graphics.Color)	4279429245 (0xFF12E87D)
YUV	155.8160, -15.1923, -120.8646
Hunter-Lab	77.0211, -58.7534, 31.4960

Details

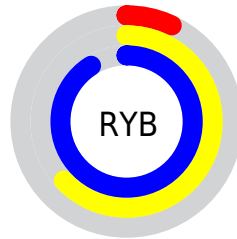
The Decimal color **1239165** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **15209085**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **7405491**, and **44874** is the 20% darker color. If you saturate the color by 10%, you get **59508**, and if you desaturate by 10%, it is **2746505**.

Distribution



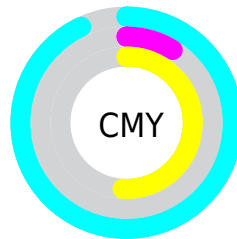
- Red (7%)
- Green (91%)
- Blue (49%)



- Red (7%)
- Yellow (63%)
- Blue (91%)



- Cyan (92%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (93%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1239165 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 1239165 by changing the saturation by 10% instead.

 1239165

 1239165

16777215

 52067

 7405491

 44874

 9633743

 37681

 11730924

 30743

 13762559

 24064

 15859711

 17408

 11264

 2560

 0

■ 1239165

■ 1239165

■ 59508

■ 2746505

■ 4253844

■ 5826720

■ 7334059

■ 8841399

■ 10348739

■ 11856078

■ 13428954

■ 14936293

Harmonies

Analogous

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



10804283



1239165



60874

Triad

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



1239165



54271



16747907

Complementary

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



1239165



15209085

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.



16744908



1239165



13350655

Square

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



1239165



58879



16750079



16755268

Rectangle

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



1239165



61181



16750079



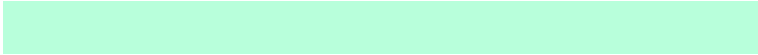
16745883

Sweetspot

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



1239165



12124123



8251410



5537898



0



8421504

Same Dimension

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



1239165



65408



1239272



6779757



45913



13082

Inverse Universe

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



15209085



16711808



15208978



7563117



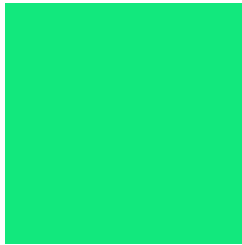
11731033



3342362

Previews

White Background



This preview shows how the Decimal color 1239165 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 1239165 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 1239165 Background



This preview shows how black text looks on a background with the Decimal color 1239165.



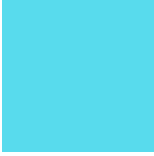
This preview shows how white text looks on a background with the Decimal color 1239165.

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
5823469

Trichromacy



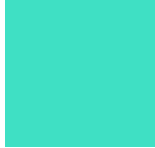
Original Color
1239165



Protanomaly
9688181



Deuteranomaly
10473347



Tritanomaly
4186308

Monochromacy



Original Color
1239165



Achromatopsia
10263708



Achromatomaly
6994065

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1239165 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 #12E87D looks like.

```
.text, #text, p{  
    color:#12E87D  
}
```

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 #12E87D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12E87D
}
```

Border

The CSS property to change the border of an element to Decimal 1239165 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
#12E87D }
```

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

```
.border{ border-color:#12E87D }
```

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

Here you see how a box with a 4 pixel #12E87D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12E87D; -webkit-box-shadow:4px 4px  
4px 4px #12E87D; box-shadow:4px 4px 4px  
4px #12E87D }
```

Background

The CSS property to change the background color of an element to Decimal 1239165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12E87D }
```

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

```
.background{ background-color:#12E87D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor