

Converting Colors

Hex(10E242)

Have a look what the booklet for
Hex(10E242) contains.

Hex(10E242)	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

Hex(10E242)

Conversions

Conversions Part 1

Format	Color
Hex	10E242
RGB	16, 226, 66
RGB Percent	6%, 89%, 26%
CMY	0.9373, 0.1137, 0.7412
CMYK	0.93, 0.00, 0.71, 0.11
HSL	134°, 87%, 47%
HSV	134°, 93%, 89%
XYZ	28.3934, 54.8962, 14.2538
YIQ	144.9700, -73.8000, -94.2800

Conversions

Conversions Part 2

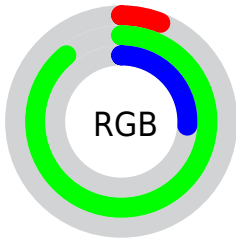
Format	Color
R_{YB}	16, 186, 226
Decimal	1106498
CIE _{Lab}	78.98, -75.16, 62.21
CIE _{LCh}	79, 97.565, 140.385
Yxy	54.8962, 0.2911, 0.5628
Android (android.graphics.Color)	4279296578 (0xFF10E242)
YUV	144.9700, -38.9322, -113.1067
Hunter-Lab	74.0920, -61.2565, 40.4582

Details

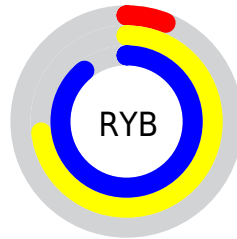
The Hex color **10E242** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E210B0**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **70FF7A**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **00E236**, and if you desaturate by 10%, it is **27E253**.

Distribution



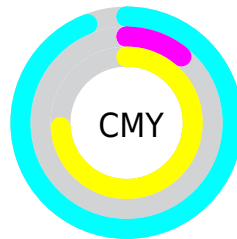
- Red (6%)
- Green (89%)
- Blue (26%)



- Red (6%)
- Yellow (73%)
- Blue (89%)



- Cyan (93%)
- Magenta (0%)
- Yellow (71%)
- Black (11%)



- Cyan (94%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10E242 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 Hex color 10E242 by changing the saturation by 10% instead.

 10E242

 10E242

FFFFFF

 00C523

 70FF7A

 00A900

 92FF96

 008D00

 B2FFB2

 007200

 D2FFCF

 005800

 F2FFEC

 003F00

 002500

 000000

 10E242

 10E242

 00E236

 27E253

 3DE264

 54E276

 6AE287

 81E298

 98E2A9

 AEE2BB

 C5E2CC

 DBE2DD

Harmonies

Analogous

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



B0D200



10E242



00EAA2

Triad

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



10E242



00D7FF



FF608A

Complementary

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



10E242



E210B0

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.



FF5DE5



10E242



74B8FF

Square

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



10E242



00E7FF



FF8BFF



FF8C33

Rectangle

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



10E242



00ECE2



FF8BFF



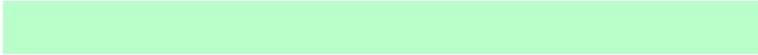
FF58A8

Sweetspot

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



10E242



B8FFC9



B1E210



54805E



000000



808080

Same Dimension

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



10E242



00FF3D



10E2AA



657068



00B02A



00300C

Inverse Universe

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



E210B0



FF00C2



E21048



70656E



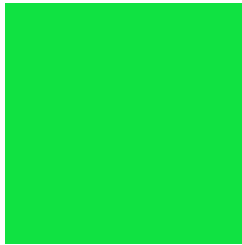
B00086



300025

Previews

White Background



This preview shows how the Hex color 10E242 looks on a white background.

Color Contrast Check

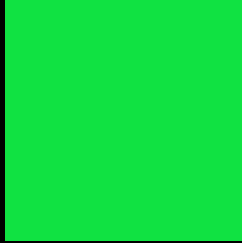
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 10E242 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](#).

Hex 10E242 Background



This preview shows how black text looks on a background with the Hex color 10E242.

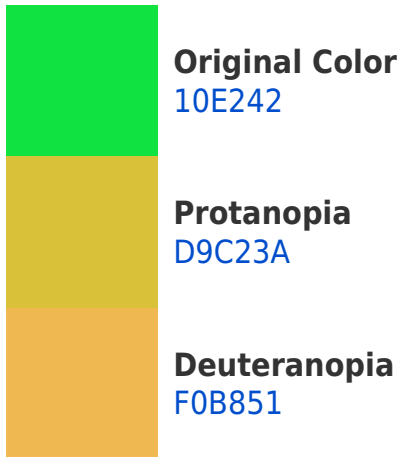


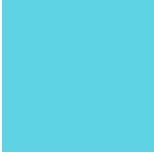
This preview shows how white text looks on a background with the Hex color 10E242.

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
5DD3E4

Trichromacy



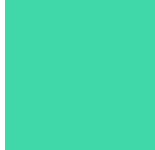
Original Color
10E242



Protanomaly
90CE3D



Deuteranomaly
9FC74C



Tritanomaly
41D8A9

Monochromacy



Original Color
10E242



Achromatopsia
919191



Achromatomaly
62AE74

CSS Examples

Text

The CSS property to change the color of the text to Hex 10E242 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 #10E242 looks like.

```
.text, #text, p{  
    color:#10E242  
}
```

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 #10E242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10E242
}
```

Border

The CSS property to change the border of an element to Hex 10E242 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
#10E242 }
```

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

```
.border{ border-color:#10E242 }
```

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

Here you see how a box with a 4 pixel #10E242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10E242; -webkit-box-shadow:4px 4px  
4px 4px #10E242; box-shadow:4px 4px 4px  
4px #10E242 }
```

Background

The CSS property to change the background color of an element to Hex 10E242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10E242 }
```

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

```
.background{ background-color:#10E242 }
```

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