

Converting Colors

Hex(23E161)

Have a look what the booklet for
Hex(23E161) contains.

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Color

Hex(23E161)

Conversions

Conversions Part 1

Format	Color
Hex	23E161
RGB	35, 225, 97
RGB Percent	14%, 88%, 38%
CMY	0.8627, 0.1176, 0.6196
CMYK	0.84, 0.00, 0.57, 0.12
HSL	140°, 76%, 51%
HSV	140°, 84%, 88%
XYZ	29.7760, 55.0708, 20.3696
YIQ	153.5980, -72.1520, -80.0880

Conversions

Conversions Part 2

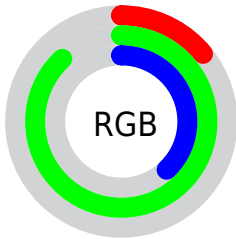
Format	Color
RYB	35, 178, 225
Decimal	2351457
CIELab	79.08, -70.25, 49.55
CIELCh	79, 85.969, 144.805
Yxy	55.0708, 0.2830, 0.5234
Android (android.graphics.Color)	4280541537 (0xFF23E161)
YUV	153.5980, -27.9028, -104.0104
Hunter-Lab	74.2097, -58.2454, 35.6724

Details

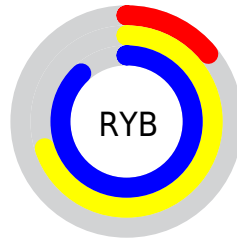
The Hex color **23E161** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed spring green. A complement of this color would be **E123A3**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **75FF97**, and **00A82C** is the 20% darker color. If you saturate the color by 10%, you get **0DE152**, and if you desaturate by 10%, it is **39E170**.

Distribution



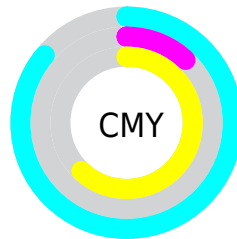
- Red (14%)
- Green (88%)
- Blue (38%)



- Red (14%)
- Yellow (70%)
- Blue (88%)



- Cyan (84%)
- Magenta (0%)
- Yellow (57%)
- Black (12%)



- Cyan (86%)
- Magenta (12%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23E161 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 23E161 by changing the saturation by 10% instead.

 23E161

 23E161

FFFFFF

 00C447

 75FF97

 00A82C

 95FFB2

 008C0B

 B5FFCF

 007200

 D4FFEB

 005700

 F3FFFF

 003F00

 002600

 000000

 23E161

 23E161

 0DE152

 39E170

 00E149

 50E17F

 67E18E

 7DE19E

 93E1AD

 AAE1BC

 C1E1CB

 D7E1DA

 EEE1E9

Harmonies

Analogous

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



A9D303



23E161



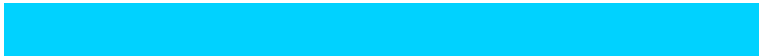
00E8B3

Triad

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



23E161



00D2FF



FF7886

Complementary

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



23E161



E123A3

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.



FF71D5



23E161



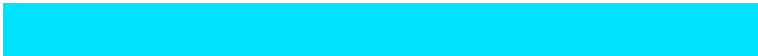
A5B5FF

Square

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



23E161



00E2FF



FF8FFF



FF9A3D

Rectangle

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



23E161



00E9EA



FF8FFF



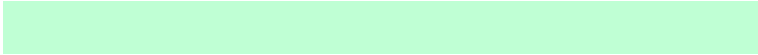
FF71A0

Sweetspot

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



23E161



BFFFD4



A5E123



598066



000000



808080

Same Dimension

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



23E161



00FF53



23E1BE



657069



00B039



003010

Inverse Universe

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



E123A3



FF00AC



E12346



70656D



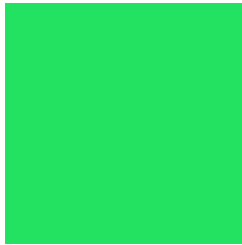
B00077



300021

Previews

White Background



This preview shows how the Hex color 23E161 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 23E161 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

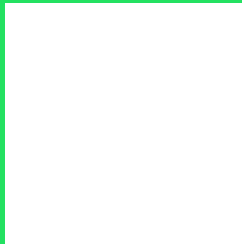
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23E161 Background



This preview shows how black text looks on a background with the Hex color 23E161.

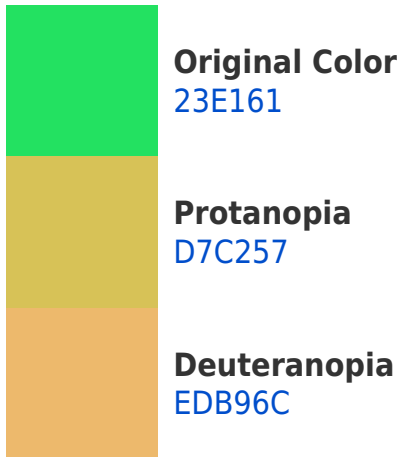


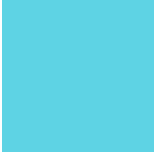
This preview shows how white text looks on a background with the Hex color 23E161.

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
5ED3E4

Trichromacy



Original Color
23E161



Protanomaly
96CD5B



Deuteranomaly
A4C868



Tritanomaly
49D8B4

Monochromacy



Original Color
23E161



Achromatopsia
9A9A9A



Achromatomaly
6FB485

CSS Examples

Text

The CSS property to change the color of the text to Hex 23E161 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 #23E161 looks like.

```
.text, #text, p{  
    color:#23E161  
}
```

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 #23E161 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23E161
}
```

Border

The CSS property to change the border of an element to Hex 23E161 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
#23E161 }
```

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

```
.border{ border-color:#23E161 }
```

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

Here you see how a box with a 4 pixel #23E161 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23E161; -webkit-box-shadow:4px 4px  
4px 4px #23E161; box-shadow:4px 4px 4px  
4px #23E161 }
```

Background

The CSS property to change the background color of an element to Hex 23E161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23E161 }
```

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

```
.background{ background-color:#23E161 }
```

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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