

Converting Colors

Hex(49ED20)

Have a look what the booklet for
Hex(49ED20) contains.

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Color

Hex(49ED20)

Conversions

Conversions Part 1

Format	Color
Hex	49ED20
RGB	73, 237, 32
RGB Percent	29%, 93%, 13%
CMY	0.7137, 0.0706, 0.8745
CMYK	0.69, 0.00, 0.86, 0.07
HSL	108°, 85%, 53%
HSV	108°, 86%, 93%
XYZ	33.2926, 62.0891, 11.5962
YIQ	164.5940, -31.9390, -98.5230

Conversions

Conversions Part 2

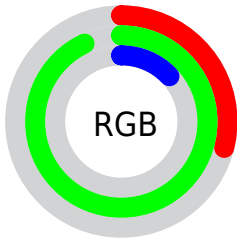
Format	Color
RYB	32, 237, 196
Decimal	4844832
CIELab	82.96, -74.10, 75.82
CIELCh	83, 106.015, 134.342
Yxy	62.0891, 0.3112, 0.5804
Android (android.graphics.Color)	4283034912 (0xFF49ED20)
YUV	164.5940, -65.3688, -80.3279
Hunter-Lab	78.7967, -62.4757, 46.4322

Details

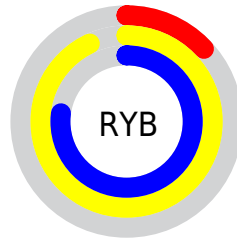
The Hex color **49ED20** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C420ED**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **8FFF64**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **36ED08**, and if you desaturate by 10%, it is **5CED38**.

Distribution



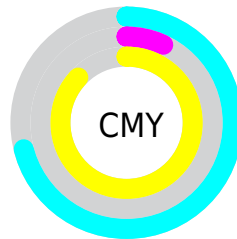
- Red (29%)
- Green (93%)
- Blue (13%)



- Red (13%)
- Yellow (93%)
- Blue (77%)



- Cyan (69%)
- Magenta (0%)
- Yellow (86%)
- Black (7%)



- Cyan (71%)
- Magenta (7%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49ED20 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 49ED20 by changing the saturation by 10% instead.

 49ED20

 49ED20


FFFFFF

 0ED000

 8FFF64

 00B400

 AFFF81

 009800

 CFFF9E

 007D00

 EEFFBB

 006200

 FFFFD9

 004800

 FFFFF7

 003000

 001200

 000000

 49ED20

 49ED20

 36ED08

 5CED38

 2FED00

 6FED4F

 82ED67

 95ED7F

 A8ED97

 BBEDAE

 CEEDC6

 E1EDDE

 F4EDF5

Harmonies

Analogous

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



CCD900



49ED20



00F795

Triad

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



49ED20



00E9FF



FF54A4

Complementary

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



49ED20



C420ED

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.



FF62FF



49ED20



00CBFF

Square

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



49ED20



00F7FF



FF9AFF



FF8543

Rectangle

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



49ED20



00FADB



FF9AFF



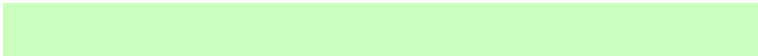
FF4FC5

Sweetspot

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



49ED20



CAFFBD



EDC420



608058



000000



808080

Same Dimension

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



49ED20



33FF00



20ED5E



6C756A



24B500



0B3600

Inverse Universe

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



C420ED



CC00FF



ED20B0



736A75



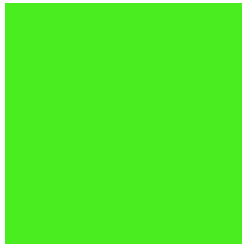
9100B5



2B0036

Previews

White Background



This preview shows how the Hex color 49ED20 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 49ED20 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

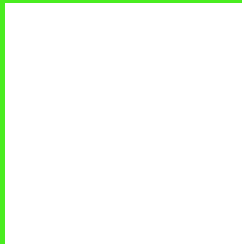
Any Text WCAG AAA ✓ Pass

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

Hex 49ED20 Background



This preview shows how black text looks on a background with the Hex color 49ED20.

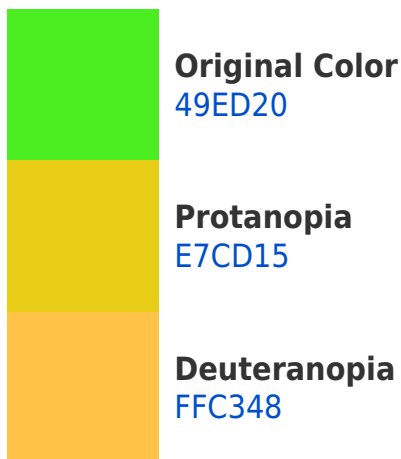


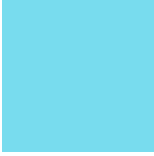
This preview shows how white text looks on a background with the Hex color 49ED20.

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
78DCEE

Trichromacy



Original Color
49ED20



Protanomaly
AED919

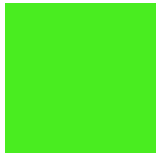


Deuteranomaly
BDD239

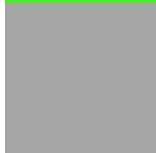


Tritanomaly
67E2A3

Monochromacy



Original Color
49ED20



Achromatopsia
A5A5A5



Achromatomaly
84BF75

CSS Examples

Text

The CSS property to change the color of the text to Hex 49ED20 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 #49ED20 looks like.

```
.text, #text, p{  
    color:#49ED20  
}
```

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 #49ED20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49ED20
}
```

Border

The CSS property to change the border of an element to Hex 49ED20 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
#49ED20 }
```

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

```
.border{ border-color:#49ED20 }
```

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

Here you see how a box with a 4 pixel #49ED20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49ED20; -webkit-box-shadow:4px 4px  
4px 4px #49ED20; box-shadow:4px 4px 4px  
4px #49ED20 }
```

Background

The CSS property to change the background color of an element to Hex 49ED20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49ED20 }
```

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

```
.background{ background-color:#49ED20 }
```

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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