

# Converting Colors

Hex(71EA20)

Have a look what the booklet for  
Hex(71EA20) contains.

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**Color**

**Hex(71EA20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71EA20
RGB	113, 234, 32
RGB Percent	44%, 92%, 13%
CMY	0.5569, 0.0824, 0.8745
CMYK	0.52, 0.00, 0.86, 0.08
HSL	96°, 83%, 52%
HSV	96°, 86%, 92%
XYZ	36.4936, 62.4606, 11.4992
YIQ	174.7930, -7.2740, -88.4740

# Conversions

## Conversions Part 2

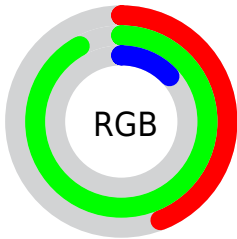
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 234, 153
Decimal	7465504
CIE Lab	83.16, -63.99, 76.43
CIE LCh	83, 99.680, 129.941
Yxy	62.4606, 0.3304, 0.5655
Android (android.graphics.Color)	4285655584 (0xFF71EA20)
YUV	174.7930, -70.3969, -54.1925
Hunter-Lab	79.0320, -55.8825, 46.6957

# Details

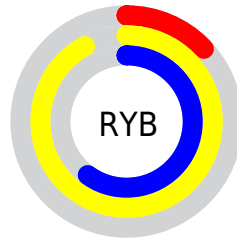
The Hex color **71EA20** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9920EA**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **AFFF64**, and **29B100** is the 20% darker color. If you saturate the color by 10%, you get **63EA09**, and if you desaturate by 10%, it is **7FEA37**.

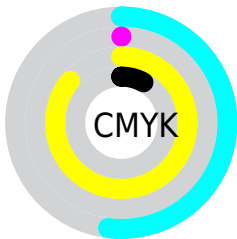
# Distribution



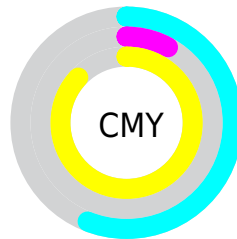
- Red (44%)
- Green (92%)
- Blue (13%)



- Red (13%)
- Yellow (92%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (86%)
- Black (8%)



- Cyan (56%)
- Magenta (8%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71EA20 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 71EA20 by changing the saturation by 10% instead.



 71EA20

 71EA20

FFFFFF

 50CD00

 AFFF64

 29B100

 CDFF81

 009600

 ECFF9E

 007B00

 FFFFBB

 006100

 FFFFD9

 004700

 FFFFF7

 003000

 001300

 000000

 71EA20

 71EA20

 63EA09

 7FEA37

 5EEA00

 8DEA4F

 9BEA66

 A9EA7E

 B7EA95

 C5EAAC

 D3EAC4

 E1EADB

 EFEAF3

# Harmonies

## Analogous

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



DCD500



71EA20



00F58B

# Triad

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



71EA20



00EBFF



FF62B4

# Complementary

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



71EA20



9920EA

# 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.



FF75FF



71EA20



00D1FF

# Square

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



71EA20



00F7FF



F8A6FF



FF855A

# Rectangle

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



71EA20



00F8CC



F8A6FF



FF62D3

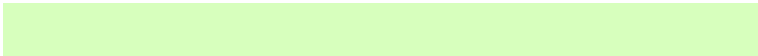


# Sweetspot

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



71EA20



D7FFBD



EA9620



688058



000000



808080



# Same Dimension

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



71EA20



66FF00



20EA31



6E756A



49B500



153600



# Inverse Universe

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



9920EA



9900FF



EA20D9



716A75



6C00B5

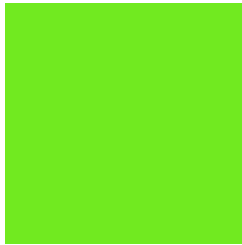


200036



# Previews

## White Background



This preview shows how the Hex color 71EA20 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 71EA20 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 71EA20 Background



This preview shows how black text looks on a background with the Hex color 71EA20.

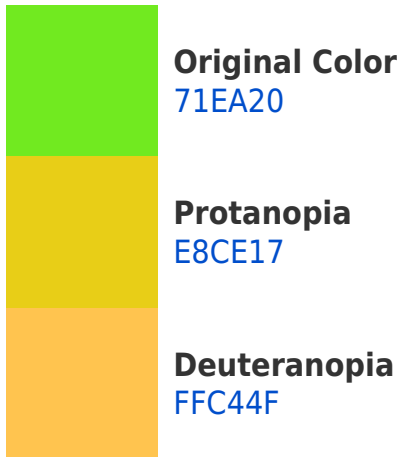


This preview shows how white text looks on a background with the Hex color 71EA20.

# 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**  
91DAEB

# Trichromacy



**Original Color**

71EA20



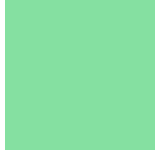
**Protanomaly**

BDD81A



**Deuteranomaly**

CBD23E



**Tritanomaly**

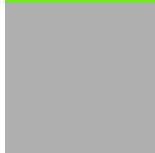
85E0A1

# Monochromacy



**Original Color**

71EA20



**Achromatopsia**

AFAFAF



**Achromatomaly**

98C47B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71EA20 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 #71EA20 looks like.

```
.text, #text, p{  
    color:#71EA20  
}
```

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 #71EA20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71EA20
}
```

## Border

The CSS property to change the border of an element to Hex 71EA20 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
#71EA20 }
```

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

```
.border{ border-color:#71EA20 }
```

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

Here you see how a box with a 4 pixel #71EA20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71EA20; -webkit-box-shadow:4px 4px  
4px 4px #71EA20; box-shadow:4px 4px 4px  
4px #71EA20 }
```

# Background

The CSS property to change the background color of an element to Hex 71EA20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71EA20 }
```

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

```
.background{ background-color:#71EA20 }
```

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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