

Converting Colors

Hex(479F20)

Have a look what the booklet for
Hex(479F20) contains.

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Color

Hex(479F20)

Conversions

Conversions Part 1

Format	Color
Hex	479F20
RGB	71, 159, 32
RGB Percent	28%, 62%, 13%
CMY	0.7216, 0.3765, 0.8745
CMYK	0.55, 0.00, 0.80, 0.38
HSL	102°, 66%, 37%
HSV	102°, 80%, 62%
XYZ	15.2574, 26.2402, 5.6272
YIQ	118.2100, -11.6810, -58.1530

Conversions

Conversions Part 2

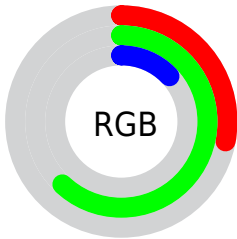
Format	Color
R_{YB}	32, 159, 120
Decimal	4693792
CIE _{Lab}	58.26, -48.37, 53.54
CIE _{LCh}	58, 72.155, 132.091
Yxy	26.2402, 0.3238, 0.5568
Android (android.graphics.Color)	4282883872 (0xFF479F20)
YUV	118.2100, -42.5015, -41.4032
Hunter-Lab	51.2251, -36.4779, 29.3444

Details

The Hex color **479F20** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **78209F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **80D757**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **3C9F10**, and if you desaturate by 10%, it is **529F30**.

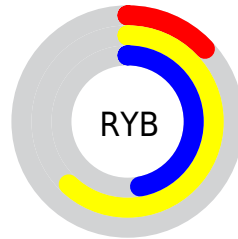
Distribution



Red (28%)

Green (62%)

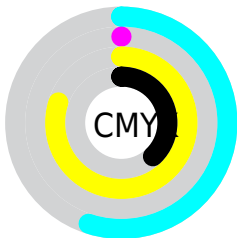
Blue (13%)



Red (13%)

Yellow (62%)

Blue (47%)

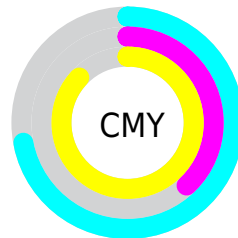


Cyan (55%)

Magenta (0%)

Yellow (80%)

Black (38%)



Cyan (72%)

Magenta (38%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 479F20 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 479F20 by changing the saturation by 10% instead.



479F20



479F20

FFFFFF



278400



80D757



006A00



9DF372



005100



BAFF8D



003900



D7FFA9



002300



F5FFC5



000000



FFFFE2



479F20



479F20



3C9F10



529F30

■ 319F00

■ 5D9F40

■ 689F50

■ 739F60

■ 7E9F70

■ 899F7F

■ 949F8F

■ 9F9F9F

■ AA9FAF

Harmonies

Analogous

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



919100



479F20



00A663

Triad

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



479F20



009EFF



FB4675

Complementary

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



479F20



78209F

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.



E94FB4



479F20



008BFF

Square

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



479F20



00A6E0



AE6FEB



ED5E39

Rectangle

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



479F20



00A88F



AE6FEB



F9458A

Sweetspot

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



479F20



ACCF9D



9F7720



54694A



E8E8E8



696969

Same Dimension

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



479F20



45CF08



209F37



4A4F47



2C8F00



050F00

Inverse Universe

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



78209F



9208CF



9F2088



4D474F



63008F



0B000F

Previews

White Background



This preview shows how the Hex color 479F20 looks on a white background.

Color Contrast Check

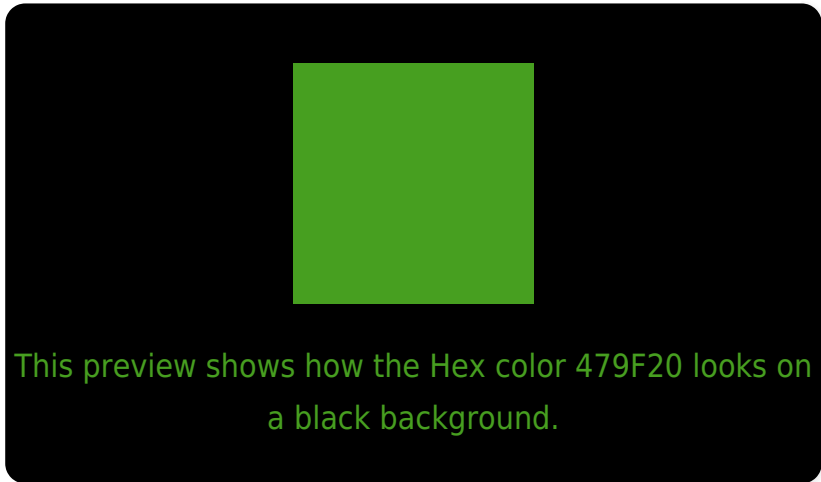
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 479F20 Background



This preview shows how black text looks on a background with the Hex color 479F20.



This preview shows how white text looks on a background with the Hex color 479F20.

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



Original Color
479F20

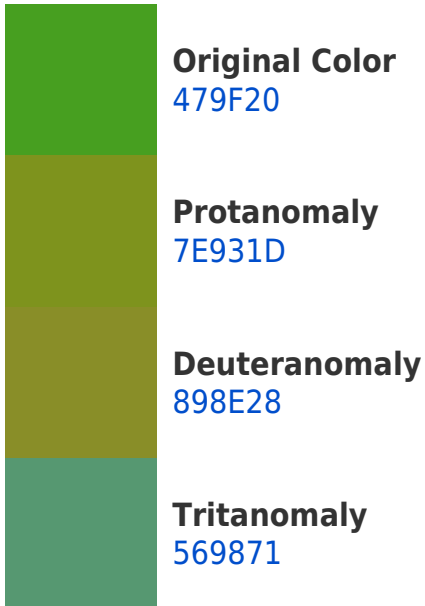
Protanopia
9D8C1B

Deuteranopia
AE842D



Tritanopia
5E94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 479F20 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 #479F20 looks like.

```
.text, #text, p{  
    color:#479F20  
}
```

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 #479F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479F20
}
```

Border

The CSS property to change the border of an element to Hex 479F20 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
#479F20 }
```

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

```
.border{ border-color:#479F20 }
```

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

Here you see how a box with a 4 pixel #479F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479F20; -webkit-box-shadow:4px 4px  
4px 4px #479F20; box-shadow:4px 4px 4px  
4px #479F20 }
```

Background

The CSS property to change the background color of an element to Hex 479F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479F20 }
```

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

```
.background{ background-color:#479F20 }
```

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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