

# Converting Colors

Hex(469E20)

Have a look what the booklet for  
Hex(469E20) contains.

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# Color

**Hex(469E20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	469E20
RGB	70, 158, 32
RGB Percent	27%, 62%, 13%
CMY	0.7255, 0.3804, 0.8745
CMYK	0.56, 0.00, 0.80, 0.38
HSL	102°, 66%, 37%
HSV	102°, 80%, 62%
XYZ	15.0134, 25.8601, 5.5667
YIQ	117.3240, -12.0020, -57.8420

# Conversions

## Conversions Part 2

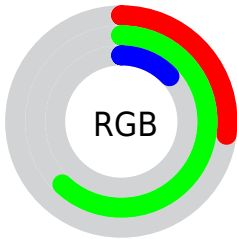
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 158, 120
Decimal	4628000
CIE <sub>Lab</sub>	57.90, -48.27, 53.19
CIE <sub>LCh</sub>	58, 71.828, 132.223
Yxy	25.8601, 0.3233, 0.5568
Android (android.graphics.Color)	4282818080 (0xFF469E20)
YUV	117.3240, -42.0647, -41.5031
Hunter-Lab	50.8528, -36.2936, 29.1067

# Details

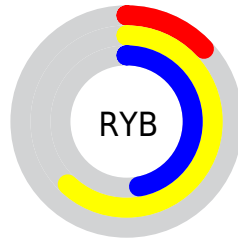
The Hex color **469E20** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **78209E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7FD557**, and **006900** is the 20% darker color. If you saturate the color by 10%, you get **3B9E10**, and if you desaturate by 10%, it is **519E30**.

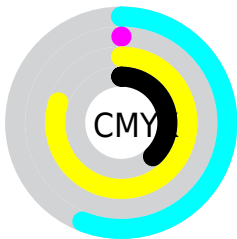
# Distribution



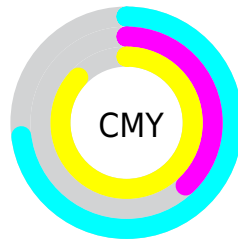
- Red (27%)
- Green (62%)
- Blue (13%)



- Red (13%)
- Yellow (62%)
- Blue (47%)



- Cyan (56%)
- Magenta (0%)
- Yellow (80%)
- Black (38%)



- Cyan (73%)
- Magenta (38%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 469E20 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 469E20 by changing the saturation by 10% instead.



 469E20

 469E20

FFFFFF

 268300

 7FD557

 006900

 9CF272

 005000

 B9FF8D

 003800

 D6FFA8

 002300

 F4FFC5

 000000

 FFFFE1

 469E20

 469E20

 3B9E10

 519E30

■ 309E00

■ 5C9E40

■ 679E4F

■ 729E5F

■ 7D9E6F

■ 889E7F

■ 939E8F

■ 9E9E9E

■ A99EAE

# Harmonies

## Analogous

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



909000



469E20



00A562

# Triad

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



469E20



009DFF



FA4574

# Complementary

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



469E20



78209E

# 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.



E84EB3



469E20



008AFF

# Square

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



469E20



00A5DF



AD6EE9



EB5D39

# Rectangle

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



469E20



00A78E



AD6EE9



F84489



# Sweetspot

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



469E20



ACCF9D



9E7620



53694A



E8E8E8



696969



# Same Dimension

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



469E20



44CF08



209E37



4A4F47



2B8F00



050F00



# Inverse Universe

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



78209E



9308CF



9E2087



4D474F



64008F



0B000F



# Previews

## White Background



This preview shows how the Hex color 469E20 looks on a white background.

## Color Contrast Check

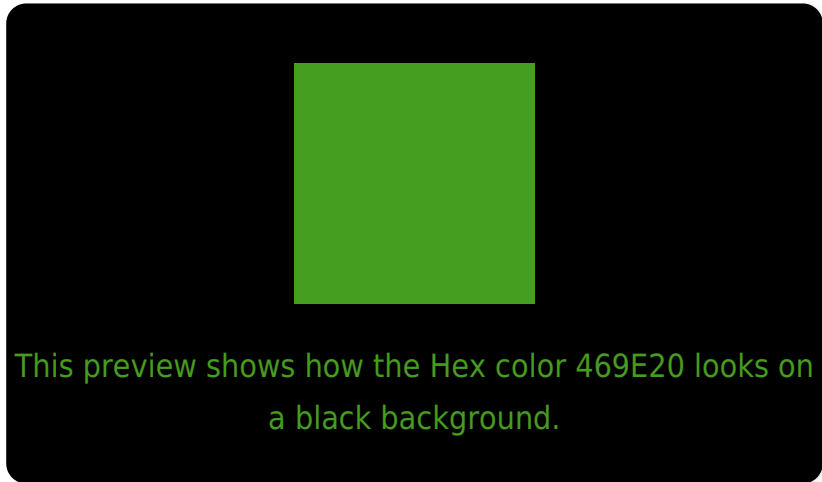
Large Text (above 18pt) WCAG AA ✓ Pass

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 469E20 Background



This preview shows how black text looks on a background with the Hex color 469E20.

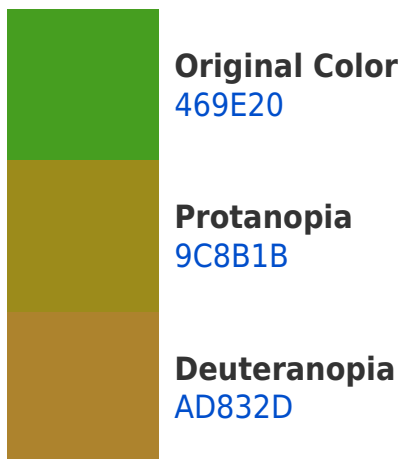


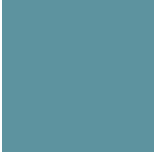
This preview shows how white text looks on a background with the Hex color 469E20.

# 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](#).

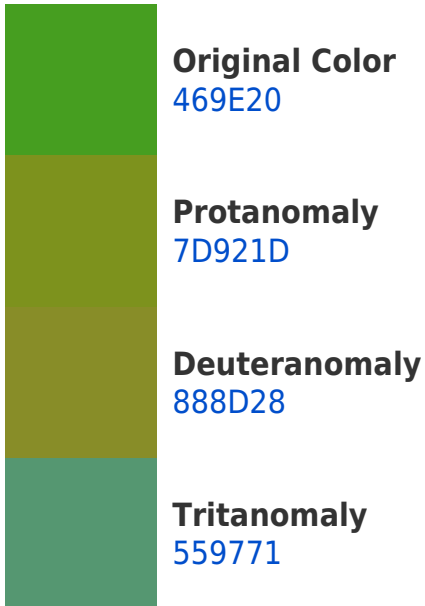
## Dichromacy





**Tritanopia**  
5D939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 469E20 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 #469E20 looks like.

```
.text, #text, p{  
    color:#469E20  
}
```

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 #469E20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #469E20
}
```

## Border

The CSS property to change the border of an element to Hex 469E20 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
#469E20 }
```

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

```
.border{ border-color:#469E20 }
```

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

Here you see how a box with a 4 pixel #469E20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #469E20; -webkit-box-shadow:4px 4px  
4px 4px #469E20; box-shadow:4px 4px 4px  
4px #469E20 }
```

# Background

The CSS property to change the background color of an element to Hex 469E20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#469E20 }
```

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

```
.background{ background-color:#469E20 }
```

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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