

# Converting Colors

Hex(4FBA20)

Have a look what the booklet for  
Hex(4FBA20) contains.

<b>Hex(4FBA20)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4FBA20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FBA20
RGB	79, 186, 32
RGB Percent	31%, 73%, 13%
CMY	0.6902, 0.2706, 0.8745
CMYK	0.58, 0.00, 0.83, 0.27
HSL	102°, 71%, 43%
HSV	102°, 83%, 73%
XYZ	21.0441, 36.8844, 7.3768
YIQ	136.4510, -14.3380, -70.5780

# Conversions

## Conversions Part 2

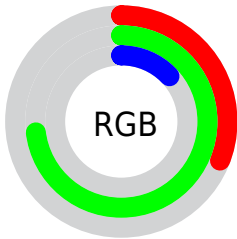
Format	Color
R <sub>Y</sub> B	32, 186, 139
Decimal	5224992
CIE Lab	67.19, -56.10, 61.90
CIE LCh	67, 83.535, 132.184
Yxy	36.8844, 0.3222, 0.5648
Android (android.graphics.Color)	4283415072 (0xFF4FBA20)
YUV	136.4510, -51.4943, -50.3845
Hunter-Lab	60.7325, -44.4309, 35.3112

# Details

The Hex color **4FBA20** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8B20BA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8BF35C**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **42BA0D**, and if you desaturate by 10%, it is **5CBA33**.

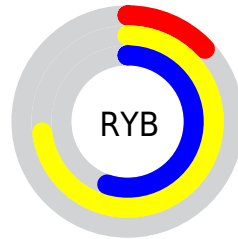
# Distribution



Red (31%)

Green (73%)

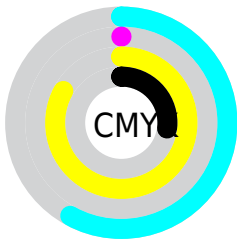
Blue (13%)



Red (13%)

Yellow (73%)

Blue (55%)

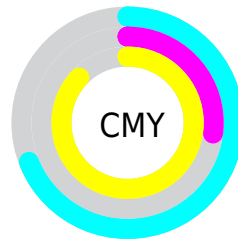


Cyan (58%)

Magenta (0%)

Yellow (83%)

Black (27%)



Cyan (69%)

Magenta (27%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FBA20 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 4FBA20 by changing the saturation by 10% instead.



 4FBA20

 4FBA20


FFFFFF

 2D9E00

 8BF35C

 008400

 A9FF77

 006900

 C6FF93

 005000

 E4FFAF

 003800

 FFFFCC

 002100

 FFFFEE

 000000

 4FBA20

 4FBA20

 42BA0D

 5CBA33

 39BA00

 69BA45

 76BA58

 83BA6A

 90BA7D

 9DBA90

 A9BAA2

 B6BAB5

 C3BAC7

# Harmonies

## Analogous

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



A8AA00



4FBA20



00C272

# Triad

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



4FBA20



00B9FF



FF4D88

# Complementary

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



4FBA20



8B20BA

# 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.



FF59D3



4FBA20



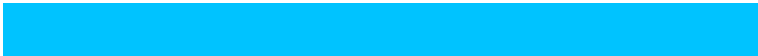
00A3FF

# Square

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



4FBA20



00C3FF



CC80FF



FF6B41

# Rectangle

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



4FBA20



00C5A7



CC80FF



FF4BA1



# Sweetspot

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



4FBA20



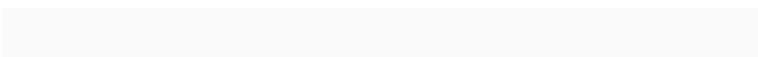
C8F2B6



BA8920



617A56



FAFAFA



7A7A7A



# Same Dimension

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



4FBA20



4CF202



20BA3C



555C53



2F9C00



091C00



# Inverse Universe

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



8B20BA



A902F2



BA209E



59535C



6C009C



13001C



# Previews

## White Background



This preview shows how the Hex color 4FBA20 looks on a white background.

## Color Contrast Check

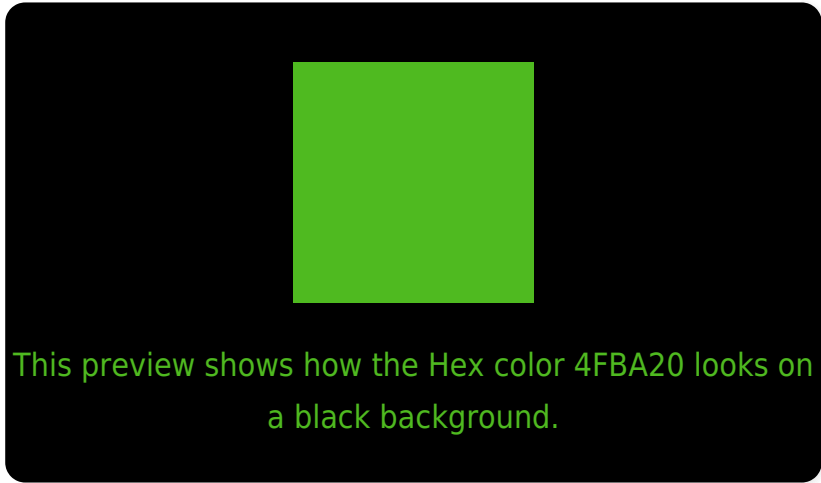
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4FBA20 Background



This preview shows how black text looks on a background with the Hex color 4FBA20.



This preview shows how white text looks on a background with the Hex color 4FBA20.

# 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](#).

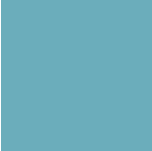
## Dichromacy



**Original Color**  
4FBA20

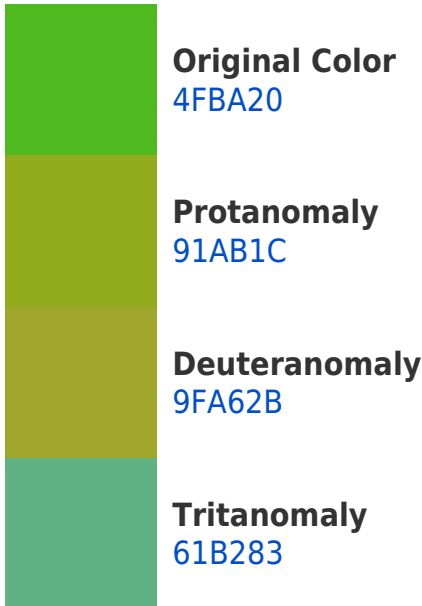
**Protanopia**  
B7A31A

**Deuteranopia**  
CC9A31

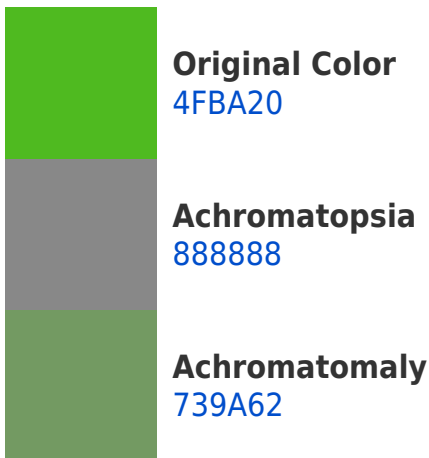


**Tritanopia**  
6BADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FBA20 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 #4FBA20 looks like.

```
.text, #text, p{  
    color:#4FBA20  
}
```

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 #4FBA20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FBA20
}
```

## Border

The CSS property to change the border of an element to Hex 4FBA20 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
#4FBA20 }
```

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

```
.border{ border-color:#4FBA20 }
```

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

Here you see how a box with a 4 pixel #4FBA20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FBA20; -webkit-box-shadow:4px 4px  
4px 4px #4FBA20; box-shadow:4px 4px 4px  
4px #4FBA20 }
```

# Background

The CSS property to change the background color of an element to Hex 4FBA20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FBA20 }
```

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

```
.background{ background-color:#4FBA20 }
```

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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