

# Converting Colors

Hex(4B5F20)

Have a look what the booklet for  
Hex(4B5F20) contains.

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**Color**

**Hex(4B5F20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B5F20
RGB	75, 95, 32
RGB Percent	29%, 37%, 13%
CMY	0.7059, 0.6275, 0.8745
CMYK	0.21, 0.00, 0.66, 0.63
HSL	79°, 50%, 25%
HSV	79°, 66%, 37%
XYZ	7.2546, 9.7846, 2.8728
YIQ	81.8380, 8.3030, -23.8330

# Conversions

## Conversions Part 2

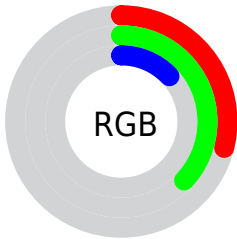
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 95, 52
Decimal	4939552
CIE Lab	37.45, -18.31, 32.62
CIE LCh	37, 37.406, 119.302
Yxy	9.7846, 0.3643, 0.4914
Android (android.graphics.Color)	4283129632 (0xFF4B5F20)
YUV	81.8380, -24.5701, -5.9969
Hunter-Lab	31.2803, -13.3425, 16.4511

# Details

The Hex color **4B5F20** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **34205F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7E924F**, and **1D3100** is the 20% darker color. If you saturate the color by 10%, you get **485F16**, and if you desaturate by 10%, it is **4E5F29**.

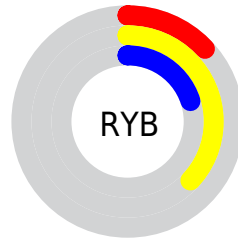
# Distribution



 Red (29%)

 Green (37%)

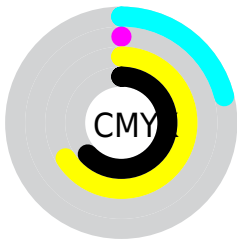
 Blue (13%)



 Red (13%)

 Yellow (37%)

 Blue (20%)

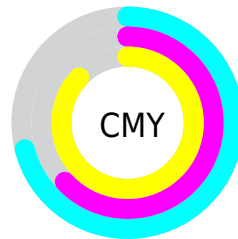


 Cyan (21%)

 Magenta (0%)

 Yellow (66%)

 Black (63%)



 Cyan (71%)

 Magenta (63%)

 Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B5F20 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 4B5F20 by changing the saturation by 10% instead.



 4B5F20

 4B5F20

FFFFFF

 334707

 7E924F

 1D3100

 98AC68

 001D00

 B3C782

 000000

 CFE49C

 ECFFB7

 FFFFD3

 FFFFF0

 4B5F20

 4B5F20

■ 485F16

■ 4E5F29

■ 455F0D

■ 515F33

■ 425F03

■ 545F3D

■ 415F00

■ 575F46

■ 5A5F50

■ 5D5F59

■ 605F62

■ 635F6C

■ 665F76

# Harmonies

## Analogous

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



695618



4B5F20



216438

# Triad

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



4B5F20



00638C



8E3D5A

# Complementary

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



4B5F20



34205F

# 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.



7C4477



4B5F20



055C94

# Square

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



4B5F20



006675



58508D



8E403C

# Rectangle

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



4B5F20



00664C



58508D



8A3E64



# Sweetspot

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



4B5F20



737A62



5F3420



393D2F



BDBDBD



3D3D3D



# Same Dimension

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



4B5F20



5B7A18



2C5F20



2F302C



4D7000



A4F000



# Inverse Universe

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



34205F



38187A



53205F



2D2C30



240070



4C00F0



# Previews

## White Background



This preview shows how the Hex color 4B5F20 looks on a white background.

## Color Contrast Check

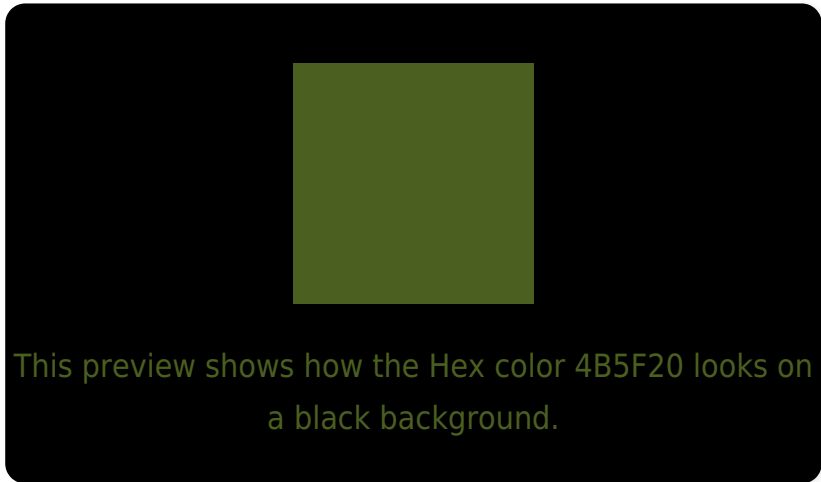
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

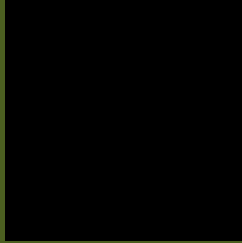
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B5F20 Background



This preview shows how black text looks on a background with the Hex color 4B5F20.



This preview shows how white text looks on a background with the Hex color 4B5F20.

# 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**  
4B5F20

**Protanopia**  
62581E

**Deuteranopia**  
6D5424



**Tritanopia**  
525960

# Trichromacy



**Original Color**

4B5F20

**Protanomaly**

5A5B1F

**Deuteranomaly**

615823

**Tritanomaly**

4F5B49

# Monochromacy



**Original Color**

4B5F20

**Achromatopsia**

525252

**Achromatomaly**

4F5740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B5F20 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 #4B5F20 looks like.

```
.text, #text, p{  
    color:#4B5F20  
}
```

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 #4B5F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5F20
}
```

## Border

The CSS property to change the border of an element to Hex 4B5F20 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
#4B5F20 }
```

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

```
.border{ border-color:#4B5F20 }
```

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

Here you see how a box with a 4 pixel #4B5F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B5F20; -webkit-box-shadow:4px 4px  
4px 4px #4B5F20; box-shadow:4px 4px 4px  
4px #4B5F20 }
```

# Background

The CSS property to change the background color of an element to Hex 4B5F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B5F20 }
```

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

```
.background{ background-color:#4B5F20 }
```

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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