

# Converting Colors

Hex(468223)

Have a look what the booklet for  
Hex(468223) contains.

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**Color**

**Hex(468223)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	468223
RGB	70, 130, 35
RGB Percent	27%, 51%, 14%
CMY	0.7255, 0.4902, 0.8627
CMYK	0.46, 0.00, 0.73, 0.49
HSL	98°, 58%, 32%
HSV	98°, 73%, 51%
XYZ	10.8118, 17.3887, 4.3766
YIQ	101.2300, -5.2650, -42.2650

# Conversions

## Conversions Part 2

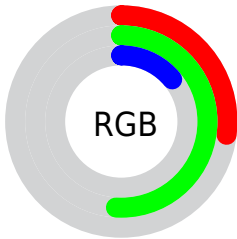
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 130, 95
Decimal	4620835
CIE <sub>Lab</sub>	48.75, -36.81, 43.12
CIE <sub>LCh</sub>	49, 56.698, 130.488
Yxy	17.3887, 0.3319, 0.5338
Android (android.graphics.Color)	4282810915 (0xFF468223)
YUV	101.2300, -32.6514, -27.3887
Hunter-Lab	41.6998, -26.6936, 22.9670

# Details

The Hex color **468223** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5F2382**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7BB856**, and **0A5000** is the 20% darker color. If you saturate the color by 10%, you get **3E8216**, and if you desaturate by 10%, it is **4E8230**.

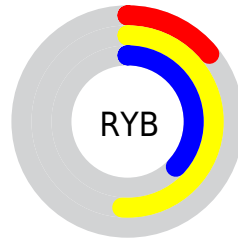
# Distribution



Red (27%)

Green (51%)

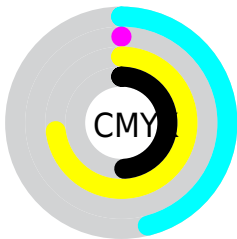
Blue (14%)



Red (14%)

Yellow (51%)

Blue (37%)

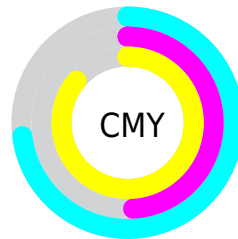


Cyan (46%)

Magenta (0%)

Yellow (73%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468223 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 468223 by changing the saturation by 10% instead.





468223



468223

FFFFFF



2B6804



7BB856



0A5000



97D370



003800



B3F08A



002400



CFFFA5



000000



ECFFC1



FFFFDD



FFFFFFA



468223



468223

■ 3E8216

■ 4E8230

■ 368209

■ 56823D

■ 308200

■ 5F824A

■ 678257

■ 6F8264

■ 778271

■ 7F827E

■ 88828B

■ 908298

# Harmonies

## Analogous

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



7B7700



468223



008852

# Triad

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



468223



0082CE



C94365

# Complementary

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



468223



5F2382

# 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.



B94A95



468223



1C74D3

# Square

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



468223



0088B1



8B5FBD



C05138

# Rectangle

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



468223



008A73



8B5FBD



C74275



# Sweetspot

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



468223



91A883



825E23



46543E



D4D4D4



545454



# Same Dimension

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



468223



4BA814



23822E



3C4039



2F8000



000000



# Inverse Universe

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



5F2382



7214A8



822377



3D3940



510080



000000



# Previews

## White Background



This preview shows how the Hex color 468223 looks on a white background.

## Color Contrast Check

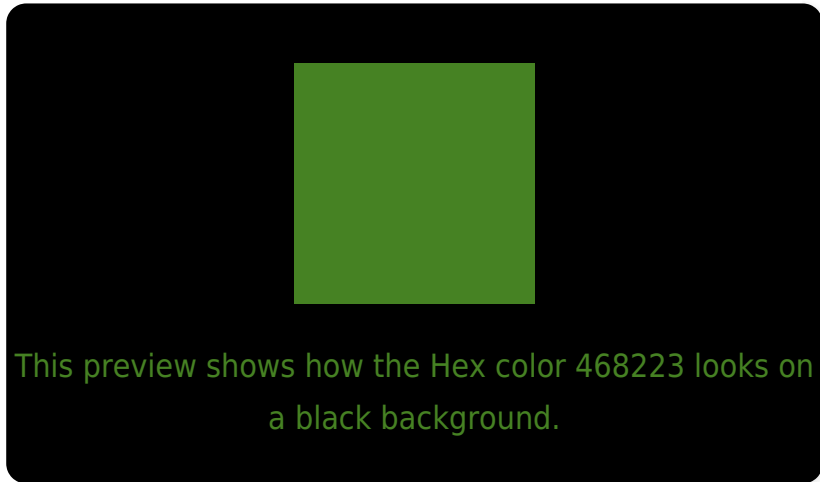
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 468223 Background



This preview shows how black text looks on a background with the Hex color 468223.



This preview shows how white text looks on a background with the Hex color 468223.

# 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**  
567983

# Trichromacy



**Original Color**  
468223

**Protanomaly**  
6C7920

**Deuteranomaly**  
757528

**Tritanomaly**  
507C60

# Monochromacy



**Original Color**  
468223

**Achromatopsia**  
656565

**Achromatomaly**  
5A704D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468223 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 #468223 looks like.

```
.text, #text, p{  
    color:#468223  
}
```

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 #468223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468223
}
```

## Border

The CSS property to change the border of an element to Hex 468223 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
#468223 }
```

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

```
.border{ border-color:#468223 }
```

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

Here you see how a box with a 4 pixel #468223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468223; -webkit-box-shadow:4px 4px  
4px 4px #468223; box-shadow:4px 4px 4px  
4px #468223 }
```

# Background

The CSS property to change the background color of an element to Hex 468223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468223 }
```

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

```
.background{ background-color:#468223 }
```

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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