

Converting Colors

Hex(464620)

Have a look what the booklet for
Hex(464620) contains.

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Color

Hex(464620)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 464620 |
| RGB | 70, 70, 32 |
| RGB Percent | 27%, 27%, 13% |
| CMY | 0.7255, 0.7255, 0.8745 |
| CMYK | 0.00, 0.00, 0.54, 0.73 |
| HSL | 60°, 37%, 20% |
| HSV | 60°, 54%, 27% |
| XYZ | 4.9767, 5.7867, 2.2211 |
| YIQ | 65.6680, 12.1980, -11.8180 |

Conversions

Conversions Part 2

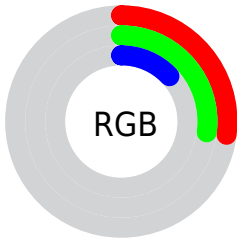
| Format | Color |
|-------------------------------------|---|
| RYB | 32, 70, 32 |
| Decimal | 4605472 |
| CIELab | 28.87, -6.34, 22.71 |
| CIElCh | 29, 23.579, 105.599 |
| Yxy | 5.7867, 0.3833, 0.4457 |
| Android (android.graphics.Color) | 4282795552 (0xFF464620) |
| YUV | 65.6680, -16.5983, 3.7992 |
| Hunter-Lab | 24.0555, -5.1688, 11.3644 |

Details

The Hex color **464620** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **202046**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **77764D**, and **1A1B00** is the 20% darker color. If you saturate the color by 10%, you get **464619**, and if you desaturate by 10%, it is **464627**.

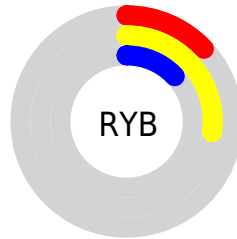
Distribution



Red (27%)

Green (27%)

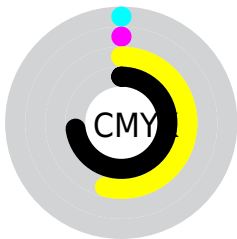
Blue (13%)



Red (13%)

Yellow (27%)

Blue (13%)

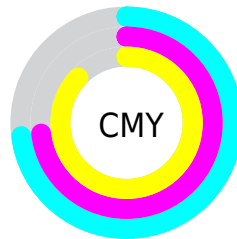


Cyan (0%)

Magenta (0%)

Yellow (54%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 464620 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 464620 by changing the saturation by 10% instead.



464620



464620

FFFFFF



2F300A



77764D



1A1B00



919066



000000



ACAA7F



C8C599



E4E1B4



FFFECE



FFFFEC



464620



464620

■ 464619

■ 464627

■ 464612

■ 46462E

■ 46460B

■ 464635

■ 464604

■ 46463C

■ 464600

■ 464643

■ 46464A

■ 464651

■ 464658

■ 46465F

Harmonies

Analogous

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



574021



464620



324A2A

Triad

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



464620



004C5E



62364E

Complementary

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



464620



202046

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.



523C5E



464620



104867

Square

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



464620



004E4D



384367



67353B

Rectangle

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



464620



214C34



384367



5D3853

Sweetspot

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



464620



5C5C4D



462020



2E2E25



ADADAD



2E2E2E

Same Dimension

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



464620



5C5C20



334620



242420



636300



E3E300

Inverse Universe

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



202046



20205C



332046



202024



000063



0000E3

Previews

White Background



This preview shows how the Hex color 464620 looks on a white background.

Color Contrast Check

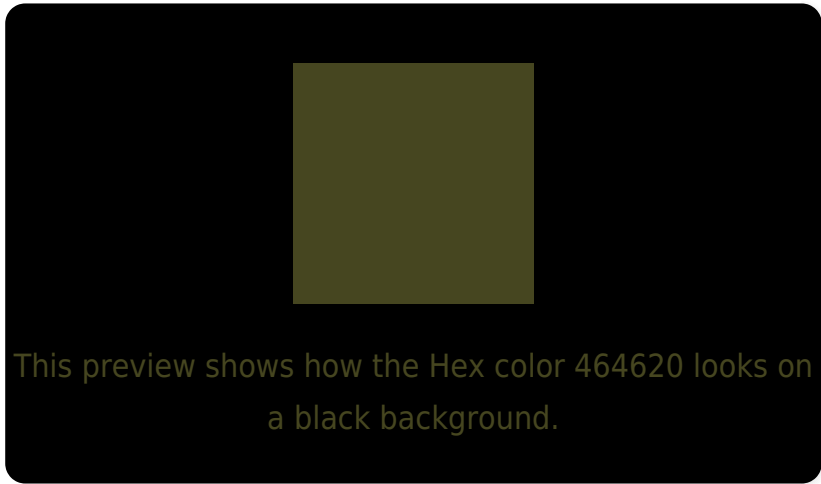
Large Text (above 18pt) WCAG AA ✓ Pass

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

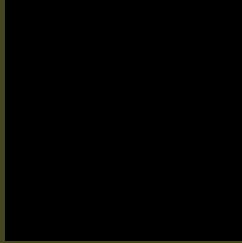
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

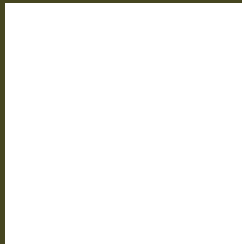
Any Text WCAG AAA × Fail

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

Hex 464620 Background



This preview shows how black text looks on a background with the Hex color 464620.



This preview shows how white text looks on a background with the Hex color 464620.

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

464620

Protanopia

4C441F

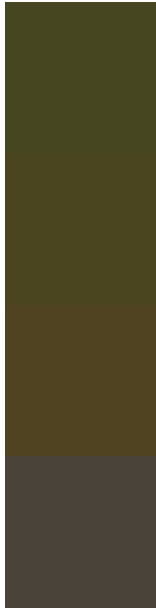
Deuteranopia

544121



Tritanopia
4A4247

Trichromacy



Original Color
464620

Protanomaly
4A451F

Deuteranomaly
4F4321

Tritanomaly
494339

Monochromacy



Original Color
464620

Achromatopsia
424242

Achromatomaly
434336

CSS Examples

Text

The CSS property to change the color of the text to Hex 464620 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 #464620 looks like.

```
.text, #text, p{  
    color:#464620  
}
```

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 #464620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #464620
}
```

Border

The CSS property to change the border of an element to Hex 464620 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
#464620 }
```

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

```
.border{ border-color:#464620 }
```

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

Here you see how a box with a 4 pixel #464620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #464620; -webkit-box-shadow:4px 4px  
4px 4px #464620; box-shadow:4px 4px 4px  
4px #464620 }
```

Background

The CSS property to change the background color of an element to Hex 464620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#464620 }
```

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

```
.background{ background-color:#464620 }
```

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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