

Converting Colors

Hex(462F20)

Have a look what the booklet for
Hex(462F20) contains.

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Color

Hex(462F20)

Conversions

Conversions Part 1

Format	Color
Hex	462F20
RGB	70, 47, 32
RGB Percent	27%, 18%, 13%
CMY	0.7255, 0.8157, 0.8745
CMYK	0.00, 0.33, 0.54, 0.73
HSL	24°, 37%, 20%
HSV	24°, 54%, 27%
XYZ	3.8030, 3.4394, 1.8299
YIQ	52.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

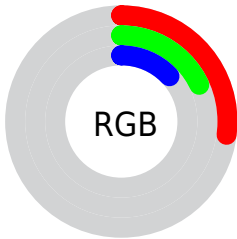
Format	Color
R_YB	70, 57, 32
Decimal	4599584
CIE Lab	21.72, 8.41, 13.81
CIE LCh	22, 16.171, 58.661
Yxy	3.4394, 0.4192, 0.3791
Android (android.graphics.Color)	4282789664 (0xFF462F20)
YUV	52.1670, -9.9423, 15.6395
Hunter-Lab	18.5456, 4.1488, 7.1317

Details

The Hex color **462F20** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **203746**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **785D4C**, and **190000** is the 20% darker color. If you saturate the color by 10%, you get **462B19**, and if you desaturate by 10%, it is **463327**.

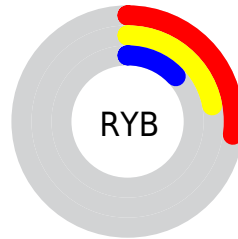
Distribution



 Red (27%)

 Green (18%)

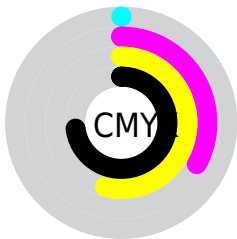
 Blue (13%)



 Red (27%)

 Yellow (22%)

 Blue (13%)

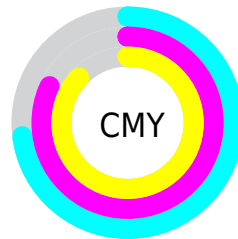


 Cyan (0%)

 Magenta (33%)

 Yellow (54%)

 Black (73%)



 Cyan (73%)

 Magenta (82%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 462F20 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 462F20 by changing the saturation by 10% instead.



462F20



462F20

FFFFFF



2F1A09



785D4C



190000



927664



000000



AD8F7D



C9AA97



E5C5B2



FFE1CD



FFFEE9



462F20



462F20

■ 462B19

■ 463327

■ 462712

■ 46372E

■ 46220B

■ 463C35

■ 461E04

■ 46403C

■ 461C00

■ 464443

■ 46484A

■ 464D51

■ 465158

■ 46555F

Harmonies

Analogous

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



4B2C29



462F20



3C331C

Triad

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



462F20



123A33



353149

Complementary

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



462F20



203746

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.



22354C



462F20



053A3F

Square

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



462F20



223927



0D3948



432D41

Rectangle

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



462F20



34361D



0D3948



2F334B

Sweetspot

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



462F20



5C534D



462037



2E2925



ADADAD



2E2E2E

Same Dimension

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



462F20



5C3820



464220



242220



632700



E35A00

Inverse Universe

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



203746



20445C



202446



202224



003C63



0089E3

Previews

White Background



This preview shows how the Hex color 462F20 looks on a white background.

Color Contrast Check

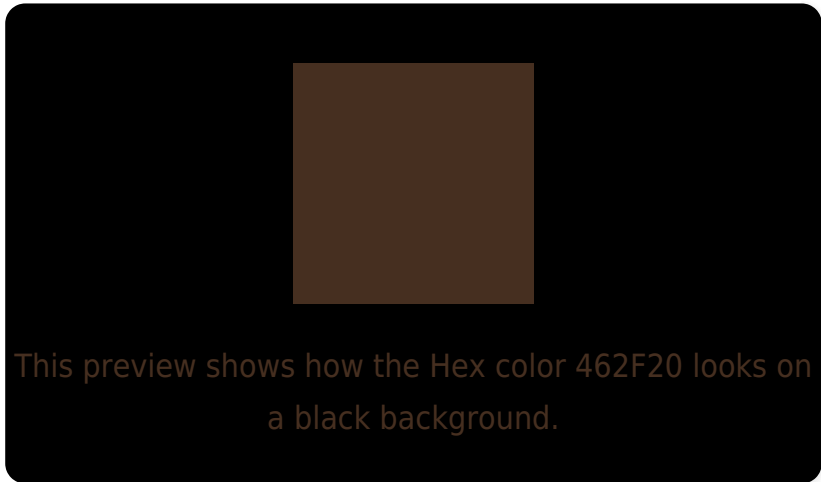
Large Text (above 18pt) WCAG AA ✓ Pass

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 462F20 Background



This preview shows how black text looks on a background with the Hex color 462F20.

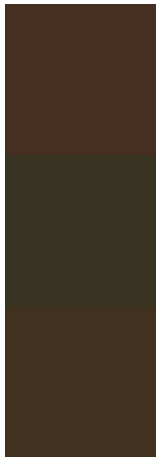


This preview shows how white text looks on a background with the Hex color 462F20.

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
462F20

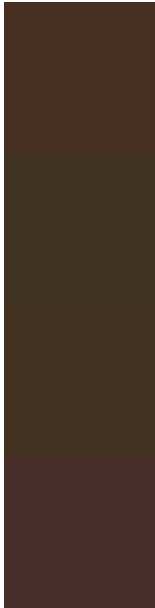
Protanopia
393422

Deuteranopia
40321F



Tritanopia
472D30

Trichromacy



Original Color
462F20

Protanomaly
3E3221

Deuteranomaly
42311F

Tritanomaly
472E2A

Monochromacy



Original Color
462F20

Achromatopsia
343434

Achromatomaly
3B322D

CSS Examples

Text

The CSS property to change the color of the text to Hex 462F20 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 #462F20 looks like.

```
.text, #text, p{  
    color:#462F20  
}
```

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 #462F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #462F20
}
```

Border

The CSS property to change the border of an element to Hex 462F20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

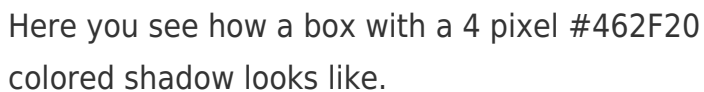
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#462F20 }
```

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

```
.border{ border-color:#462F20 }
```

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



Here you see how a box with a 4 pixel #462F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #462F20; -webkit-box-shadow:4px 4px  
4px 4px #462F20; box-shadow:4px 4px 4px  
4px #462F20 }
```

Background

The CSS property to change the background color of an element to Hex 462F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#462F20 }
```

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

```
.background{ background-color:#462F20 }
```

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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