

# Converting Colors

Hex(4D2F20)

Have a look what the booklet for  
Hex(4D2F20) contains.

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# Color

Hex(4D2F20)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D2F20
RGB	77, 47, 32
RGB Percent	30%, 18%, 13%
CMY	0.6980, 0.8157, 0.8745
CMYK	0.00, 0.39, 0.58, 0.70
HSL	20°, 41%, 21%
HSV	20°, 58%, 30%
XYZ	4.3378, 3.7151, 1.8550
YIQ	54.2600, 22.6950, 1.6950

# Conversions

## Conversions Part 2

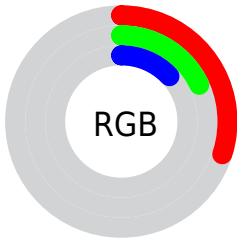
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 55, 32
Decimal	5058336
CIE <sub>Lab</sub>	22.71, 11.84, 15.27
CIE <sub>LCh</sub>	23, 19.327, 52.206
Yxy	3.7151, 0.4378, 0.3750
Android (android.graphics.Color)	4283248416 (0xFF4D2F20)
YUV	54.2600, -10.9742, 19.9430
Hunter-Lab	19.2746, 6.4414, 7.7862

# Details

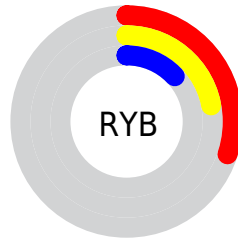
The Hex color **4D2F20** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **203E4D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **805D4C**, and **1F0000** is the 20% darker color. If you saturate the color by 10%, you get **4D2A18**, and if you desaturate by 10%, it is **4D3428**.

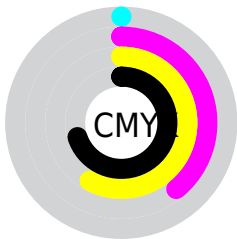
# Distribution



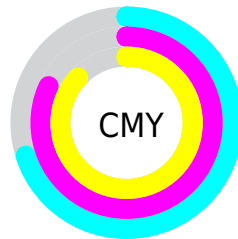
- Red (30%)
- Green (18%)
- Blue (13%)



- Red (30%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (58%)
- Black (70%)



- Cyan (70%)
- Magenta (82%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D2F20 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 4D2F20 by changing the saturation by 10% instead.



 4D2F20

 4D2F20

FFFFFF

 351A09

 805D4C

 1F0000

 9B7664

 000000

 B6907D

 D2AA97

 EFC5B2

 FFE1CD

 FFFEEA

 4D2F20

 4D2F20

■ 4D2A18

■ 4D3428

■ 4D2511

■ 4D392F

■ 4D2009

■ 4D3E37

■ 4D1A01

■ 4D443F

■ 4D1A00

■ 4D4947

■ 4D4E4E

■ 4D5356

■ 4D585E

■ 4D5D65

# Harmonies

## Analogous

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



522B2C



4D2F20



433419

# Triad

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



4D2F20



0E3E32



323451

# Complementary

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



4D2F20



203E4D

# 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.



183952



4D2F20



003E41

# Square

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



4D2F20



243C24



003C4D



452F48

# Rectangle

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



4D2F20



3A3719



003C4D



2A3652



# Sweetspot

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



4D2F20



635852



4D203E



332C28



B3B3B3



333333



# Same Dimension

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



4D2F20



63351E



4D4620



262422



662200



E64D00



# Inverse Universe

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



203E4D



1E4C63



20284D



222526



004466



0099E6



# Previews

## White Background



This preview shows how the Hex color 4D2F20 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

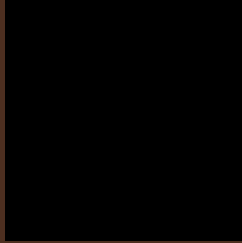
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D2F20 Background



This preview shows how black text looks on a background with the Hex color 4D2F20.

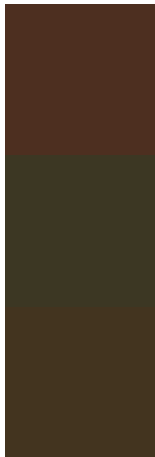


This preview shows how white text looks on a background with the Hex color 4D2F20.

# 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**  
4D2F20

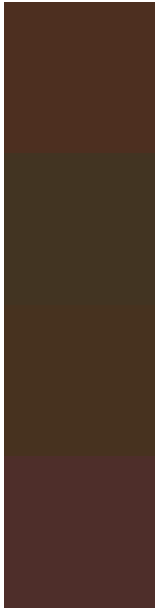
**Protanopia**  
3C3723

**Deuteranopia**  
43341F



**Tritanopia**  
4E2D30

# Trichromacy



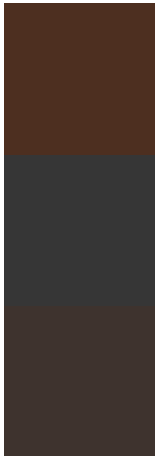
**Original Color**  
4D2F20

**Protanomaly**  
423422

**Deuteranomaly**  
47321F

**Tritanomaly**  
4E2E2A

# Monochromacy



**Original Color**  
4D2F20

**Achromatopsia**  
363636

**Achromatomaly**  
3E332E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D2F20 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 #4D2F20 looks like.

```
.text, #text, p{  
    color:#4D2F20  
}
```

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 #4D2F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D2F20
}
```

## Border

The CSS property to change the border of an element to Hex 4D2F20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

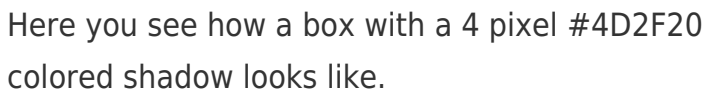
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D2F20 }
```

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

```
.border{ border-color:#4D2F20 }
```

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



Here you see how a box with a 4 pixel #4D2F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D2F20; -webkit-box-shadow:4px 4px  
4px 4px #4D2F20; box-shadow:4px 4px 4px  
4px #4D2F20 }
```

# Background

The CSS property to change the background color of an element to Hex 4D2F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D2F20 }
```

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

```
.background{ background-color:#4D2F20 }
```

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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