

# Converting Colors

Hex(6D2E26)

Have a look what the booklet for  
Hex(6D2E26) contains.

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# Color

**Hex(6D2E26)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2E26
RGB	109, 46, 38
RGB Percent	43%, 18%, 15%
CMY	0.5725, 0.8196, 0.8510
CMYK	0.00, 0.58, 0.65, 0.57
HSL	7°, 48%, 29%
HSV	7°, 65%, 43%
XYZ	7.6335, 5.3451, 2.4631
YIQ	63.9250, 40.1160, 10.8680

# Conversions

## Conversions Part 2

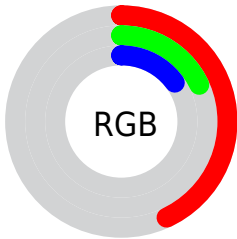
Format	Color
R <sub>Y</sub> B	109, 47, 38
Decimal	7155238
CIE Lab	27.70, 27.38, 18.77
CIE LCh	28, 33.197, 34.441
Yxy	5.3451, 0.4943, 0.3461
Android (android.graphics.Color)	4285345318 (0xFF6D2E26)
YUV	63.9250, -12.7810, 39.5308
Hunter-Lab	23.1196, 18.4772, 9.8671

# Details

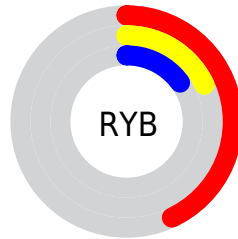
The Hex color **6D2E26** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26656D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **A45E53**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **6D241B**, and if you desaturate by 10%, it is **6D3831**.

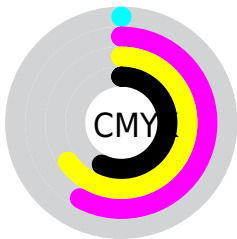
# Distribution



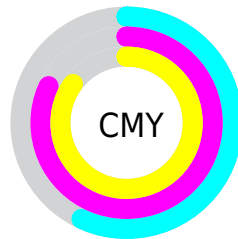
- Red (43%)
- Green (18%)
- Blue (15%)



- Red (43%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (65%)
- Black (57%)



- Cyan (57%)
- Magenta (82%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D2E26 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 6D2E26 by changing the saturation by 10% instead.



 6D2E26

 6D2E26

FFFFFF

 521712

 A45E53

 390000

 C1776B

 1F0001

 DE9185

 000000

 FBAC9F

 FFC8BA

 FFE4D5

 FFFFF2

 6D2E26

 6D2E26

■ 6D241B

■ 6D3831

■ 6D1B10

■ 6D413C

■ 6D1105

■ 6D4B47

■ 6D0C00

■ 6D5552

■ 6D5E5C

■ 6D6867

■ 6D7272

■ 6D7B7D

■ 6D8588

# Harmonies

## Analogous

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



6F293F



6D2E26



603812

# Triad

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



6D2E26



014C2A



094374

# Complementary

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



6D2E26



26656D

# 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.



004A6F



6D2E26



004E45

# Square

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



6D2E26



314814



004D5E



47396C

# Rectangle

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



6D2E26



533E0A



004D5E



004674



# Sweetspot

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



6D2E26



8F7572



6D2666



473836



C7C7C7



474747



# Same Dimension

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



6D2E26



8F2C1F



6D5126



363130



750D00



F51C00



# Inverse Universe

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



26656D



1F828F



26426D



303536



006875



00D9F5



# Previews

## White Background



This preview shows how the Hex color 6D2E26 looks on a white background.

## Color Contrast Check

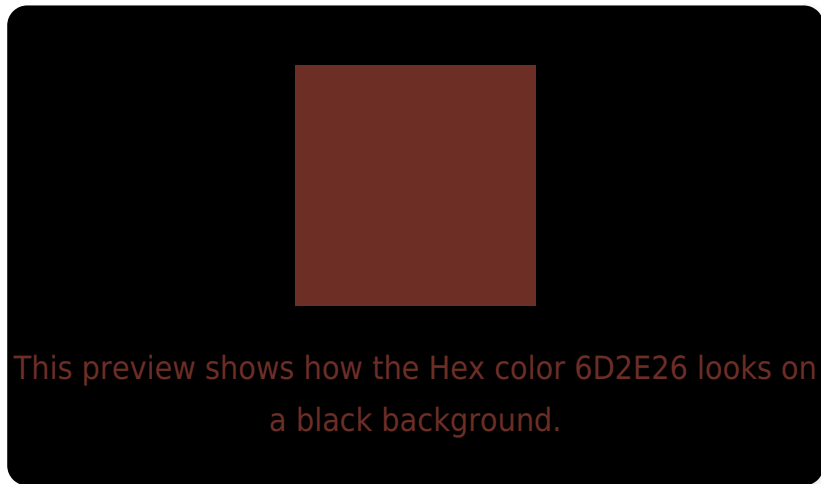
Large Text (above 18pt) WCAG AA ✓ Pass

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

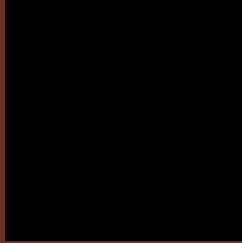
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D2E26 Background



This preview shows how black text looks on a background with the Hex color 6D2E26.

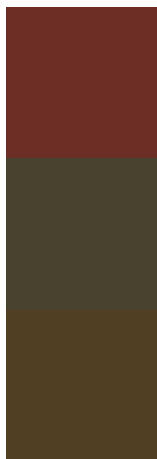


This preview shows how white text looks on a background with the Hex color 6D2E26.

# 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**  
6D2E26

**Protanopia**  
48422E

**Deuteranopia**  
513F23



**Tritanopia**  
6D2D30

# Trichromacy



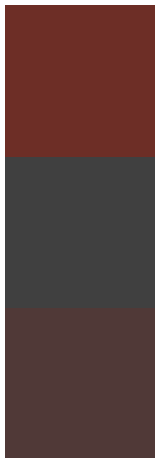
**Original Color**  
6D2E26

**Protanomaly**  
553B2B

**Deuteranomaly**  
5B3924

**Tritanomaly**  
6D2D2C

# Monochromacy



**Original Color**  
6D2E26

**Achromatopsia**  
404040

**Achromatomaly**  
503937

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D2E26 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 #6D2E26 looks like.

```
.text, #text, p{  
    color:#6D2E26  
}
```

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 #6D2E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2E26
}
```

## Border

The CSS property to change the border of an element to Hex 6D2E26 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".

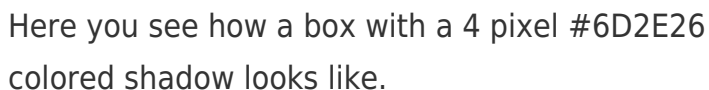
```
.border, #border, table{ border:4px solid
#6D2E26 }
```

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

```
.border{ border-color:#6D2E26 }
```

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

Here you see how a box with a 4 pixel #6D2E26 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6D2E26 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2E26; -webkit-box-shadow:4px 4px  
4px 4px #6D2E26; box-shadow:4px 4px 4px  
4px #6D2E26 }
```

# Background

The CSS property to change the background color of an element to Hex 6D2E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2E26 }
```

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

```
.background{ background-color:#6D2E26 }
```

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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