

# Converting Colors

Hex(6E2523)

Have a look what the booklet for  
Hex(6E2523) contains.

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**Color**

**Hex(6E2523)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E2523
RGB	110, 37, 35
RGB Percent	43%, 15%, 14%
CMY	0.5686, 0.8549, 0.8627
CMYK	0.00, 0.66, 0.68, 0.57
HSL	2°, 52%, 28%
HSV	2°, 68%, 43%
XYZ	7.3953, 4.7595, 2.1190
YIQ	58.5990, 44.1500, 14.8540

# Conversions

## Conversions Part 2

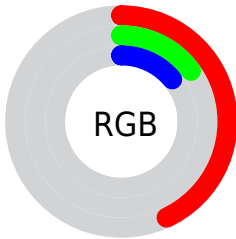
<b>Format</b>	<b>Color</b>
<b>RYB</b>	110, 37, 35
Decimal	7218467
CIELab	26.04, 32.26, 18.68
CIElCh	26, 37.278, 30.079
Yxy	4.7595, 0.5181, 0.3334
Android (android.graphics.Color)	4285408547 (0xFF6E2523)
YUV	58.5990, -11.6343, 45.0787
Hunter-Lab	21.8162, 22.3302, 9.5126

# Details

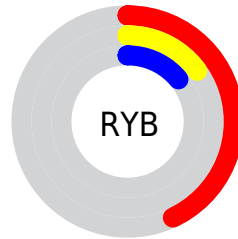
The Hex color **6E2523** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **236C6E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A6564F**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **6E1A18**, and if you desaturate by 10%, it is **6E302E**.

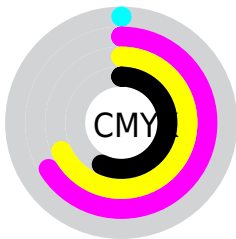
# Distribution



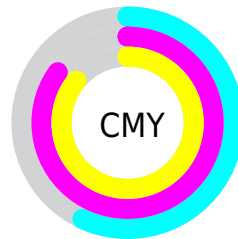
- Red (43%)
- Green (15%)
- Blue (14%)



- Red (43%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (66%)
- Yellow (68%)
- Black (57%)



- Cyan (57%)
- Magenta (85%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E2523 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 6E2523 by changing the saturation by 10% instead.



 6E2523

 6E2523

FFFFFF

 530B0E

 A6564F

 390000

 C36F68

 1D0001

 E08981

 000000

 FEA49B

 FFBFB6

 FFD0D1

 FFF8ED

 6E2523

 6E2523

■ 6E1A18

■ 6E302E

■ 6E100D

■ 6E3A39

■ 6E0502

■ 6E4544

■ 6E0300

■ 6E504F

■ 6E5B5A

■ 6E6565

■ 6E7070

■ 6E7B7B

■ 6E8586

# Harmonies

## Analogous

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



6F203F



6E2523



61310A

# Triad

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



6E2523



004920



004177

# Complementary

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



6E2523



236C6E

# 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.



00486F



6E2523



004B3D

# Square

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



6E2523



2F4405



004A59



3C366F

# Rectangle

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



6E2523



533900



004A59



004476



# Sweetspot

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



6E2523



8F7372



6E236D



473736



C7C7C7



474747



# Same Dimension

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



6E2523



8F1D1A



6E4A23



383332



780300



F70700



# Inverse Universe

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



236C6E



1A8C8F



23476E



323838



007578



00F1F7



# Previews

## White Background



This preview shows how the Hex color 6E2523 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 6E2523 Background



This preview shows how black text looks on a background with the Hex color 6E2523.



This preview shows how white text looks on a background with the Hex color 6E2523.

# 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**  
6E2523

**Protanopia**  
443F2D

**Deuteranopia**  
4D3C1F



**Tritanopia**  
6E2426

# Trichromacy



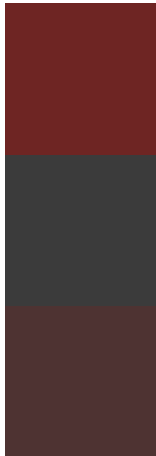
**Original Color**  
6E2523

**Protanomaly**  
533629

**Deuteranomaly**  
593420

**Tritanomaly**  
6E2425

# Monochromacy



**Original Color**  
6E2523

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
4E3332

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E2523 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 #6E2523 looks like.

```
.text, #text, p{  
    color:#6E2523  
}
```

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 #6E2523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2523
}
```

## Border

The CSS property to change the border of an element to Hex 6E2523 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".

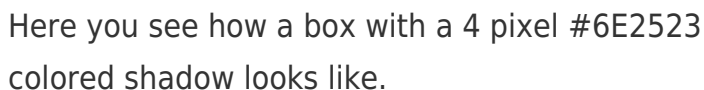
```
.border, #border, table{ border:4px solid
#6E2523 }
```

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

```
.border{ border-color:#6E2523 }
```

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

Here you see how a box with a 4 pixel #6E2523 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 #6E2523 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2523; -webkit-box-shadow:4px 4px  
4px 4px #6E2523; box-shadow:4px 4px 4px  
4px #6E2523 }
```

# Background

The CSS property to change the background color of an element to Hex 6E2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2523 }
```

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

```
.background{ background-color:#6E2523 }
```

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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