

Converting Colors

Hex(6E2300)

Have a look what the booklet for
Hex(6E2300) contains.

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Color

Hex(6E2300)

Conversions

Conversions Part 1

Format	Color
Hex	6E2300
RGB	110, 35, 0
RGB Percent	43%, 14%, 0%
CMY	0.5686, 0.8627, 1.0000
CMYK	0.00, 0.68, 1.00, 0.57
HSL	19°, 100%, 22%
HSV	19°, 100%, 43%
XYZ	7.0314, 4.5171, 0.5013
YIQ	53.4350, 55.9350, 5.0150

Conversions

Conversions Part 2

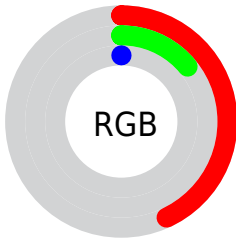
Format	Color
R_YB	110, 51, 0
Decimal	7217920
CIE Lab	25.31, 31.83, 36.47
CIE LCh	25, 48.406, 48.890
Yxy	4.5171, 0.5835, 0.3749
Android (android.graphics.Color)	4285408000 (0xFF6E2300)
YUV	53.4350, -26.3435, 49.6075
Hunter-Lab	21.2534, 21.8613, 13.4790

Details

The Hex color **6E2300** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004B6E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A8542F**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6E2300**, and if you desaturate by 10%, it is **6E2A0B**.

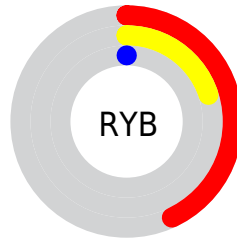
Distribution



Red (43%)

Green (14%)

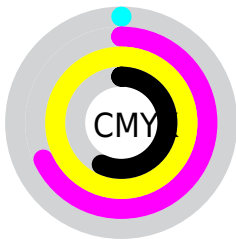
Blue (0%)



Red (43%)

Yellow (20%)

Blue (0%)

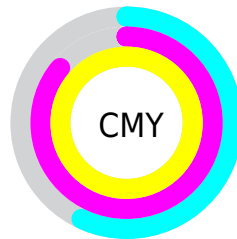


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E2300 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 6E2300 by changing the saturation by 10% instead.

 6E2300

 6E2300

 FFFFE5

 520900

 A8542F

 370000

 C56D47

 180001

 E3875F

 000000

 FFA178

 FFBD92

 FFD9AD

 FFF5C8

 6E2300

 6E2A0B

 6E3216

 6E3A21

 6E412C

 6E4937

 6E5042

 6E584D

 6E5F58

 6E6763

Harmonies

Analogous

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



7A0A27



6E2300



563600

Triad

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



6E2300



004B2D



033882

Complementary

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



6E2300



004B6E

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.



004585



6E2300



004C53

Square

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



6E2300



004802



004A73



59256D

Rectangle

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



6E2300



413E00



004A73



003D85

Sweetspot

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



6E2300



8F7264



6E004B



47362E



C7C7C7



474747

Same Dimension

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



6E2300



8F2D00



6E5A00



383432



782600



F74F00

Inverse Universe

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



004B6E



00618F



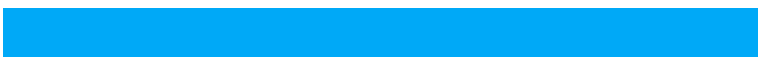
00146E



323638



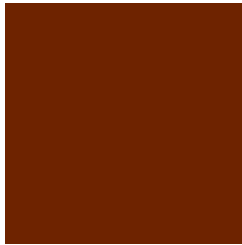
005278



00A9F7

Previews

White Background



This preview shows how the Hex color 6E2300 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

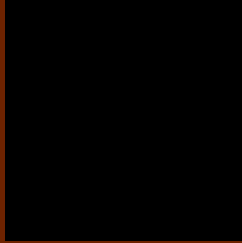
Any Text WCAG AA × Fail

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 6E2300 Background



This preview shows how black text looks on a background with the Hex color 6E2300.



This preview shows how white text looks on a background with the Hex color 6E2300.

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
6E2300

Protanopia
453E0C

Deuteranopia
4E3A00



Tritanopia
6F2122

Trichromacy



Original Color
6E2300

Protanomaly
543408

Deuteranomaly
5A3200

Tritanomaly
6F2216

Monochromacy



Original Color
6E2300

Achromatopsia
353535

Achromatomaly
4A2E22

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E2300 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 #6E2300 looks like.

```
.text, #text, p{  
    color:#6E2300  
}
```

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 #6E2300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E2300
}
```

Border

The CSS property to change the border of an element to Hex 6E2300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

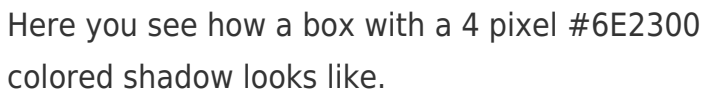
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E2300 }
```

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

```
.border{ border-color:#6E2300 }
```

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



Here you see how a box with a 4 pixel #6E2300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E2300; -webkit-box-shadow:4px 4px  
4px 4px #6E2300; box-shadow:4px 4px 4px  
4px #6E2300 }
```

Background

The CSS property to change the background color of an element to Hex 6E2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E2300 }
```

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

```
.background{ background-color:#6E2300 }
```

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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