

Converting Colors

Hex(5E4200)

Have a look what the booklet for
Hex(5E4200) contains.

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Color

Hex(5E4200)

Conversions

Conversions Part 1

Format	Color
Hex	5E4200
RGB	94, 66, 0
RGB Percent	37%, 26%, 0%
CMY	0.6314, 0.7412, 1.0000
CMYK	0.00, 0.30, 1.00, 0.63
HSL	42°, 100%, 18%
HSV	42°, 100%, 37%
XYZ	6.5643, 6.2761, 0.8654
YIQ	66.8480, 37.8740, -14.5900

Conversions

Conversions Part 2

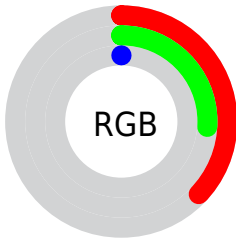
Format	Color
RYB	40, 94, 0
Decimal	6177280
CIELab	30.10, 6.44, 39.52
CIELCh	30, 40.037, 80.743
Yxy	6.2761, 0.4789, 0.4579
Android (android.graphics.Color)	4284367360 (0xFF5E4200)
YUV	66.8480, -32.9561, 23.8123
Hunter-Lab	25.0522, 2.9303, 15.4883

Details

The Hex color **5E4200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001C5E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **947232**, and **2B1800** is the 20% darker color. If you saturate the color by 10%, you get **5E4200**, and if you desaturate by 10%, it is **5E4509**.

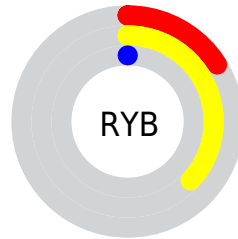
Distribution



Red (37%)

Green (26%)

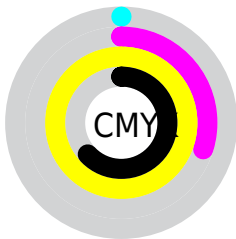
Blue (0%)



Red (16%)

Yellow (37%)

Blue (0%)

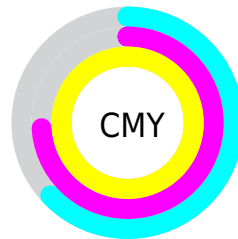


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4200 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 5E4200 by changing the saturation by 10% instead.

 5E4200

 5E4200

 FFFFEB

 442C00

 947232

 2B1800

 B08B4A

 100000

 CDA563

 000000

 EAC07D

 FFDC97

 FFF9B2

 FFFFCE

 5E4200

 5E4509

 5E4813

 5E4A1C

 5E4D26

 5E502F

 5E5338

 5E5642

 5E584B

 5E5B55

Harmonies

Analogous

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



733517



5E4200



414C02

Triad

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



5E4200



00555C



63346F

Complementary

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



5E4200



001C5E

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.



334381



5E4200



005377

Square

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



5E4200



00553C



004D84



7A2952

Rectangle

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



5E4200



295013



004D84



563976

Sweetspot

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



5E4200



7A6F56



5E001C



3D3727



BDBDBD



3D3D3D

Same Dimension

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



5E4200



7A5600



4B5E00



2E2D29



6E4D00



EDA700

Inverse Universe

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



001C5E



00247A



13005E



292B2E



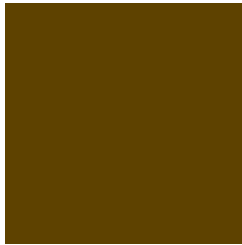
00216E



0047ED

Previews

White Background



This preview shows how the Hex color 5E4200 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 5E4200 Background



This preview shows how black text looks on a background with the Hex color 5E4200.



This preview shows how white text looks on a background with the Hex color 5E4200.

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
5E4200

Protanopia
514806

Deuteranopia
5A4400



Tritanopia
613D42

Trichromacy



Original Color
5E4200

Protanomaly
564604

Deuteranomaly
5B4300

Tritanomaly
603F2A

Monochromacy



Original Color
5E4200

Achromatopsia
434343

Achromatomaly
4D432B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4200 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 #5E4200 looks like.

```
.text, #text, p{  
    color:#5E4200  
}
```

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 #5E4200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4200
}
```

Border

The CSS property to change the border of an element to Hex 5E4200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

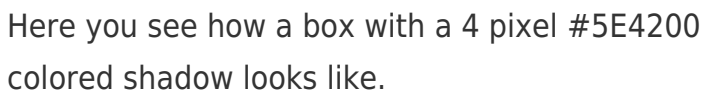
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E4200 }
```

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

```
.border{ border-color:#5E4200 }
```

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



Here you see how a box with a 4 pixel #5E4200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4200; -webkit-box-shadow:4px 4px  
4px 4px #5E4200; box-shadow:4px 4px 4px  
4px #5E4200 }
```

Background

The CSS property to change the background color of an element to Hex 5E4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4200 }
```

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

```
.background{ background-color:#5E4200 }
```

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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