

Converting Colors

Hex(5E4216)

Have a look what the booklet for
Hex(5E4216) contains.

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Color

Hex(5E4216)

Conversions

Conversions Part 1

Format	Color
Hex	5E4216
RGB	94, 66, 22
RGB Percent	37%, 26%, 9%
CMY	0.6314, 0.7412, 0.9137
CMYK	0.00, 0.30, 0.77, 0.63
HSL	37°, 62%, 23%
HSV	37°, 77%, 37%
XYZ	6.7091, 6.3340, 1.6280
YIQ	69.3560, 30.8120, -7.7480

Conversions

Conversions Part 2

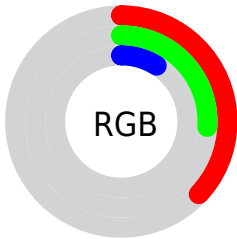
Format	Color
RYB	68, 94, 22
Decimal	6177302
CIELab	30.24, 7.33, 30.45
CIELCh	30, 31.322, 76.469
Yxy	6.3340, 0.4573, 0.4317
Android (android.graphics.Color)	4284367382 (0xFF5E4216)
YUV	69.3560, -23.3465, 21.6128
Hunter-Lab	25.1675, 3.5412, 13.7819

Details

The Hex color **5E4216** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **16325E**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **937244**, and **2C1700** is the 20% darker color. If you saturate the color by 10%, you get **5E3E0D**, and if you desaturate by 10%, it is **5E461F**.

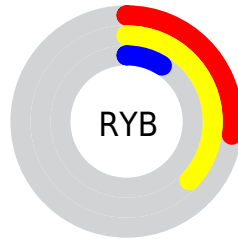
Distribution



Red (37%)

Green (26%)

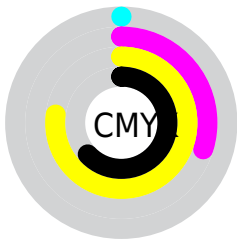
Blue (9%)



Red (27%)

Yellow (37%)

Blue (9%)

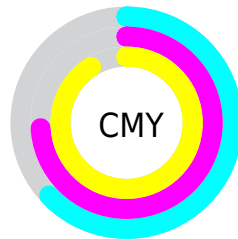


Cyan (0%)

Magenta (30%)

Yellow (77%)

Black (63%)



Cyan (63%)

Magenta (74%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E4216 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 5E4216 by changing the saturation by 10% instead.

 5E4216

 5E4216

FFFFFFE

 452C00

 937244

 2C1700

 AF8B5C

 120000

 CBA675

 000000

 E8C18F

 FFDCA9

 FFF9C5

 FFFFE1

 5E4216

 5E4216

■ 5E3E0D

■ 5E461F

■ 5E3B03

■ 5E4929

■ 5E3900

■ 5E4D32

■ 5E513C

■ 5E5445

■ 5E584E

■ 5E5C58

■ 5E5F61

■ 5E636B

Harmonies

Analogous

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



6E3925



5E4216



484A15

Triad

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



5E4216



005354



5A3B69

Complementary

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



5E4216



16325E

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.



354576



5E4216



00526A

Square

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



5E4216



00533B



004D76



6E3353

Rectangle

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



5E4216



364E1E



004D76



503F6F

Sweetspot

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



5E4216



7A6F5E



5E1633



3D372C



BDBDBD



3D3D3D

Same Dimension

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



5E4216



7A4F0A



575E16



2E2C29



6E4300



ED9100

Inverse Universe

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



16325E



0A367A



1D165E



292B2E



002B6E



005CED

Previews

White Background



This preview shows how the Hex color 5E4216 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 5E4216 Background



This preview shows how black text looks on a background with the Hex color 5E4216.



This preview shows how white text looks on a background with the Hex color 5E4216.

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
5E4216

Protanopia
504818

Deuteranopia
5A4415



Tritanopia
613E42

Trichromacy



Original Color
5E4216

Protanomaly
554617

Deuteranomaly
5B4315

Tritanomaly
603F32

Monochromacy



Original Color
5E4216

Achromatopsia
454545

Achromatomaly
4E4434

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E4216 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 #5E4216 looks like.

```
.text, #text, p{  
    color:#5E4216  
}
```

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 #5E4216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E4216
}
```

Border

The CSS property to change the border of an element to Hex 5E4216 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
#5E4216 }
```

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

```
.border{ border-color:#5E4216 }
```

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

Here you see how a box with a 4 pixel #5E4216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E4216; -webkit-box-shadow:4px 4px  
4px 4px #5E4216; box-shadow:4px 4px 4px  
4px #5E4216 }
```

Background

The CSS property to change the background color of an element to Hex 5E4216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E4216 }
```

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

```
.background{ background-color:#5E4216 }
```

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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