

Converting Colors

Hex(5A3E21)

Have a look what the booklet for
Hex(5A3E21) contains.

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Color

Hex(5A3E21)

Conversions

Conversions Part 1	
Format	Color
Hex	5A3E21
RGB	90, 62, 33
RGB Percent	35%, 24%, 13%
CMY	0.6471, 0.7569, 0.8706
CMYK	0.00, 0.31, 0.63, 0.65
HSL	31°, 46%, 24%
HSV	31°, 63%, 35%
XYZ	6.2136, 5.7287, 2.2171
YIQ	67.0660, 25.9970, -3.0830

Conversions

Conversions Part 2

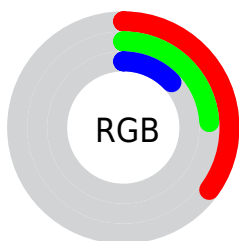
Format	Color
RYB	88, 90, 33
Decimal	5914145
CIELab	28.72, 8.67, 22.48
CIELCh	29, 24.100, 68.906
Yxy	5.7287, 0.4388, 0.4046
Android (android.graphics.Color)	4284104225 (0xFF5A3E21)
YUV	67.0660, -16.7945, 20.1131
Hunter-Lab	23.9347, 4.4538, 11.2622

Details

The Hex color **5A3E21** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **213D5A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8E6E4E**, and **2A1400** is the 20% darker color. If you saturate the color by 10%, you get **5A3A18**, and if you desaturate by 10%, it is **5A422A**.

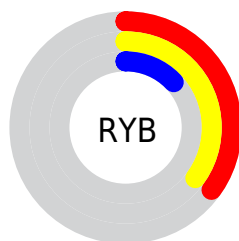
Distribution



Red (35%)

Green (24%)

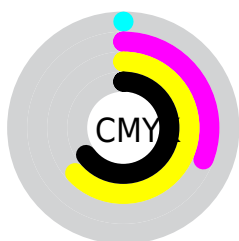
Blue (13%)



Red (35%)

Yellow (35%)

Blue (13%)

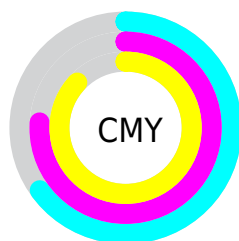


Cyan (0%)

Magenta (31%)

Yellow (63%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3E21 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 5A3E21 by changing the saturation by 10% instead.

 5A3E21

 5A3E21

FFFFFF

 41280B

 8E6E4E

 2A1400

 A98766

 080000

 C5A180

 000000

 E2BC9A

 FFD8B5

 FFF4D0

 FFFFE0

 5A3E21

 5A3E21

 5A3A18

 5A422A

 5A350F

 5A4733

 5A3106

 5A4B3C

 5A2E00

 5A5045

 5A544E

 5A5957

 5A5D60

 5A6169

 5A6672

Harmonies

Analogous

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



65382D



5A3E21



4A441E

Triad

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



5A3E21



004D49



4D3D61

Complementary

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



5A3E21



213D5A

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.



304468



5A3E21



004C5B

Square

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



5A3E21



1C4C36



004966



5F3751

Rectangle

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



5A3E21



3D4822



004966



443F64

Sweetspot

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



5A3E21



756A5F



5A213E



3B342D



BABABA



3B3B3B

Same Dimension

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



5A3E21



754A1C



5A5A21



2E2C29



6E3800



ED7900

Inverse Universe

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



213D5A



1C4875



21215A



292C2E



00366E



0074ED

Previews

White Background



This preview shows how the Hex color 5A3E21 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



This preview shows how the Hex color 5A3E21 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

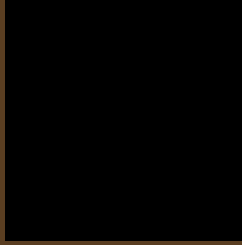
Any Text WCAG AA × Fail

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 5A3E21 Background



This preview shows how black text looks on a background with the Hex color 5A3E21.

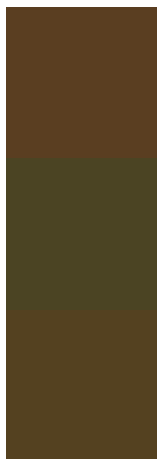


This preview shows how white text looks on a background with the Hex color 5A3E21.

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
5A3E21

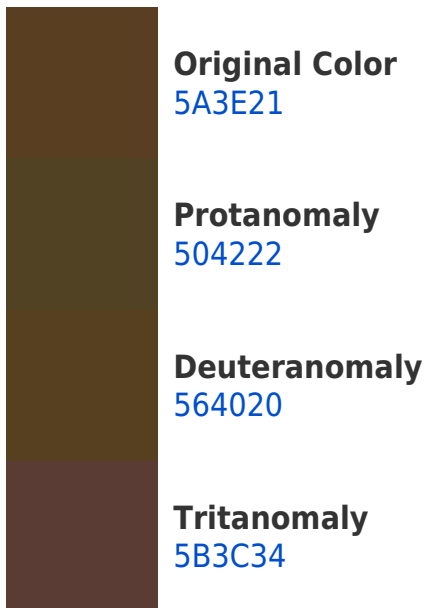
Protanopia
4B4423

Deuteranopia
544120

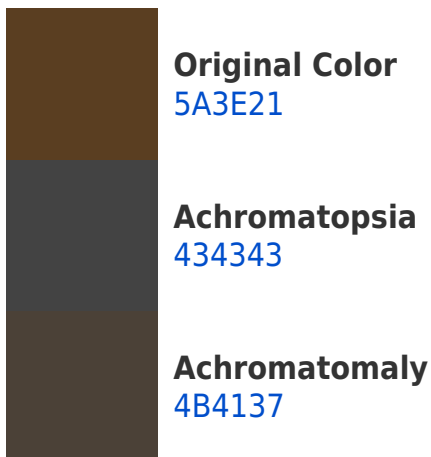


Tritanopia
5C3B3F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3E21 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 #5A3E21 looks like.

```
.text, #text, p{  
    color:#5A3E21  
}
```

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 #5A3E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3E21
}
```

Border

The CSS property to change the border of an element to Hex 5A3E21 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
#5A3E21 }
```

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

```
.border{ border-color:#5A3E21 }
```

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

Here you see how a box with a 4 pixel #5A3E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3E21; -webkit-box-shadow:4px 4px  
4px 4px #5A3E21; box-shadow:4px 4px 4px  
4px #5A3E21 }
```

Background

The CSS property to change the background color of an element to Hex 5A3E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3E21 }
```

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

```
.background{ background-color:#5A3E21 }
```

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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