

Converting Colors

Hex(563E21)

Have a look what the booklet for
Hex(563E21) contains.

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Color

Hex(563E21)

Conversions

Conversions Part 1

Format	Color
Hex	563E21
RGB	86, 62, 33
RGB Percent	34%, 24%, 13%
CMY	0.6627, 0.7569, 0.8706
CMYK	0.00, 0.28, 0.62, 0.66
HSL	33°, 45%, 23%
HSV	33°, 62%, 34%
XYZ	5.8349, 5.5335, 2.1994
YIQ	65.8700, 23.6130, -3.9310

Conversions

Conversions Part 2

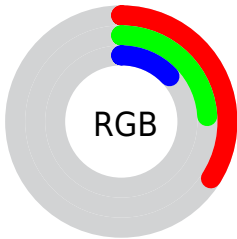
Format	Color
R_{YB}	77, 86, 33
Decimal	5652001
CIE Lab	28.20, 6.71, 21.74
CIE LCh	28, 22.757, 72.851
Yxy	5.5335, 0.4301, 0.4078
Android (android.graphics.Color)	4283842081 (0xFF563E21)
YUV	65.8700, -16.2049, 17.6540
Hunter-Lab	23.5234, 3.1104, 10.9229




Details

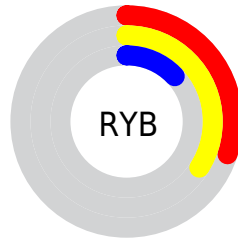
The Hex color **563E21** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **213956**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **8A6D4E**, and **261400** is the 20% darker color. If you saturate the color by 10%, you get **563A18**, and if you desaturate by 10%, it is **56422A**.

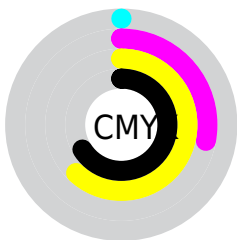
Distribution







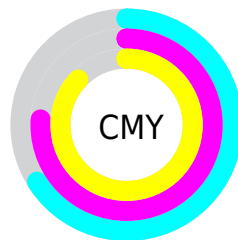
-  Red (34%)
-  Green (24%)
-  Blue (13%)






-  Red (30%)
-  Yellow (34%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (28%)
-  Yellow (62%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (76%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563E21 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 563E21 by changing the saturation by 10% instead.



563E21



563E21

FFFFFF



3E280B



8A6D4E



261400



A58766



000000



C0A17F



DDBC9A



FAD8B4



FFF4D0



FFFEC



563E21



563E21

■ 563A18

■ 56422A

■ 563610

■ 564632

■ 563207

■ 564A3B

■ 562F00

■ 564E43

■ 56514C

■ 565555

■ 56595D

■ 565D66

■ 56616E

Harmonies

Analogous

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



61382C



563E21



464420

Triad

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



563E21



004C4A



4E3B5C

Complementary

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



563E21



213956

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.



344265



563E21



004B5A

Square

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



563E21



1B4B38



0E4764



5E364D

Rectangle

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



563E21



3A4724



0E4764



463D60

Sweetspot

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



563E21



70675C



56213A



38332C



B8B8B8



383838

Same Dimension

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



563E21



704B1D



545621



2B2927



6B3B00



EB8000

Inverse Universe

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



213956



1D4370



232156



27292B



00306B



006AEB

Previews

White Background



This preview shows how the Hex color 563E21 looks on a white background.

Color Contrast Check

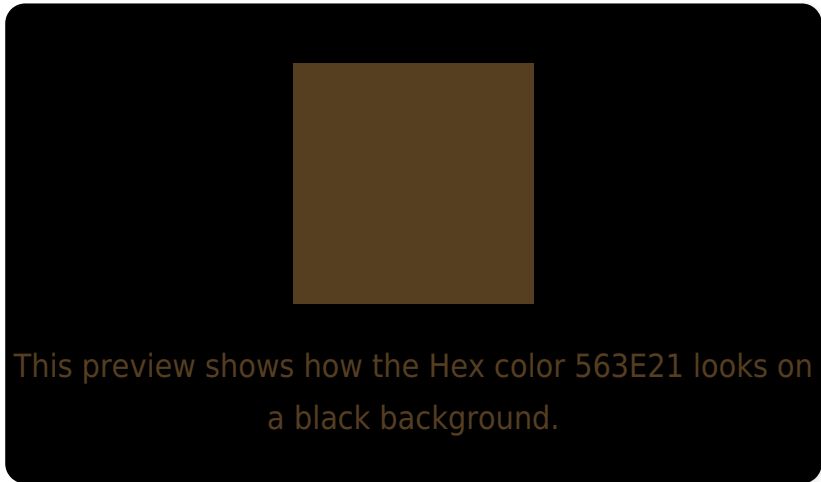
Large Text (above 18pt) WCAG AA ✓ Pass

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

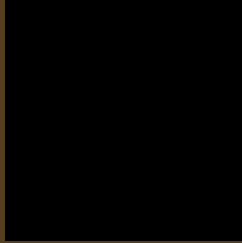
Any Text WCAG AA × Fail

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 563E21 Background



This preview shows how black text looks on a background with the Hex color 563E21.

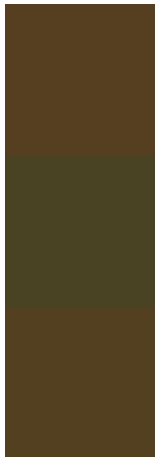


This preview shows how white text looks on a background with the Hex color 563E21.

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](#).

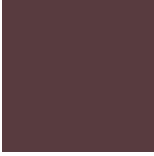
Dichromacy



Original Color
563E21

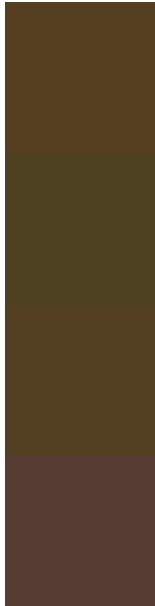
Protanopia
4A4323

Deuteranopia
524021



Tritanopia
583B3F

Trichromacy



Original Color
563E21

Protanomaly
4E4122

Deuteranomaly
533F21

Tritanomaly
573C34

Monochromacy



Original Color
563E21

Achromatopsia
424242

Achromatomaly
494136

CSS Examples

Text

The CSS property to change the color of the text to Hex 563E21 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 #563E21 looks like.

```
.text, #text, p{  
    color:#563E21  
}
```

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 #563E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563E21
}
```

Border

The CSS property to change the border of an element to Hex 563E21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

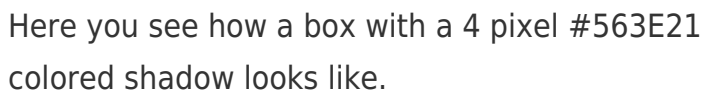
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#563E21 }
```

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

```
.border{ border-color:#563E21 }
```

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



Here you see how a box with a 4 pixel #563E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563E21; -webkit-box-shadow:4px 4px  
4px 4px #563E21; box-shadow:4px 4px 4px  
4px #563E21 }
```

Background

The CSS property to change the background color of an element to Hex 563E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563E21 }
```

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

```
.background{ background-color:#563E21 }
```

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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