

Converting Colors

Hex(5A2021)

Have a look what the booklet for
Hex(5A2021) contains.

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Color

Hex(5A2021)

Conversions

Conversions Part 1

Format	Color
Hex	5A2021
RGB	90, 32, 33
RGB Percent	35%, 13%, 13%
CMY	0.6471, 0.8745, 0.8706
CMYK	0.00, 0.64, 0.63, 0.65
HSL	359°, 48%, 24%
HSV	359°, 64%, 35%
XYZ	5.0075, 3.3165, 1.8151
YIQ	49.4560, 34.2470, 12.6070

Conversions

Conversions Part 2

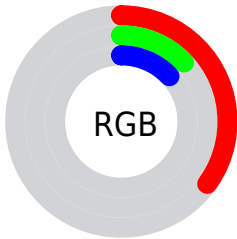
Format	Color
RYB	90, 32, 33
Decimal	5906465
CIELab	21.27, 26.80, 13.17
CIELCh	21, 29.857, 26.167
Yxy	3.3165, 0.4939, 0.3271
Android (android.graphics.Color)	4284096545 (0xFF5A2021)
YUV	49.4560, -8.1128, 35.5571
Hunter-Lab	18.2112, 17.2118, 6.8386

Details

The Hex color **5A2021** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **205A59**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **904F4D**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **5A1718**, and if you desaturate by 10%, it is **5A292A**.

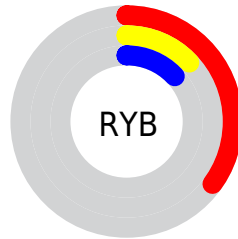
Distribution



Red (35%)

Green (13%)

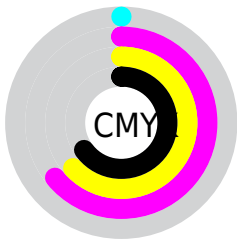
Blue (13%)



Red (35%)

Yellow (13%)

Blue (13%)

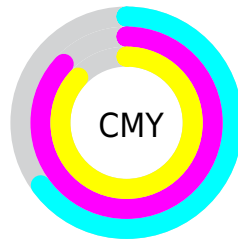


Cyan (0%)

Magenta (64%)

Yellow (63%)

Black (65%)



Cyan (65%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2021 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 5A2021 by changing the saturation by 10% instead.

 5A2021

 5A2021

FFFFFF

 40080B

 904F4D

 2A0001

 AB6865

 000000

 C8817E

 E59C98

 FFB7B3

 FFD3CE

 FFEFEA

 5A2021

 5A2021

■ 5A1718

■ 5A292A

■ 5A0E0F

■ 5A3233

■ 5A0506

■ 5A3B3C

■ 5A0002

■ 5A4444

■ 5A4D4D

■ 5A5656

■ 5A5F5F

■ 5A6868

■ 5A7171

Harmonies

Analogous

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



591E37



5A2021



51280E

Triad

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



5A2021



0B3B19



00365F

Complementary

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



5A2021



205A59

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.



003B57



5A2021



003D2F

Square

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



5A2021



2B3706



003D46



2E2E5B

Rectangle

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



5A2021



472E03



003D46



00385E

Sweetspot

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



5A2021



755F5F



58205A



3B2D2D



BABABA



3B3B3B

Same Dimension

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



5A2021



751B1D



5A3B20



2E2929



6E0002



ED0004

Inverse Universe

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



5A2021



751B1D



203F5A



2E2929



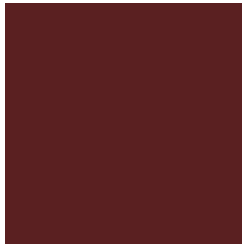
6E0002



ED0004

Previews

White Background



This preview shows how the Hex color 5A2021 looks on a white background.

Color Contrast Check

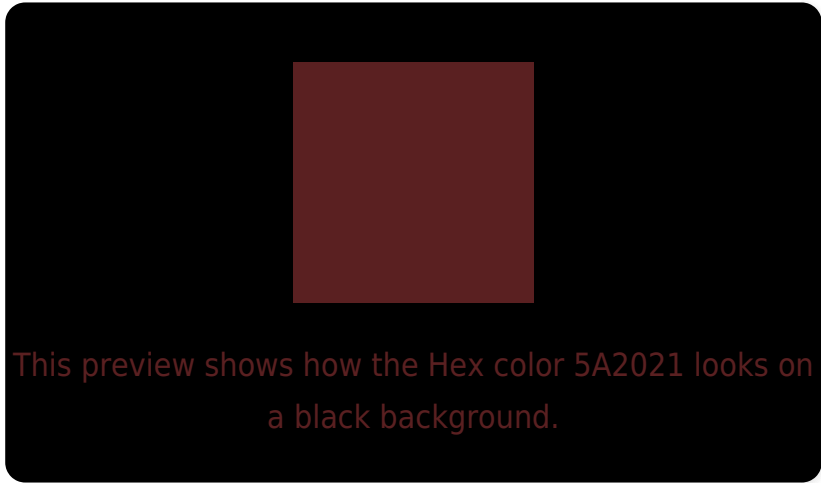
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A2021 Background



This preview shows how black text looks on a background with the Hex color 5A2021.

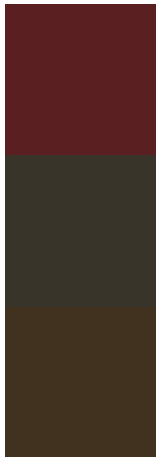


This preview shows how white text looks on a background with the Hex color 5A2021.

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
5A2021

Protanopia
383429

Deuteranopia
40321E

Trichromacy



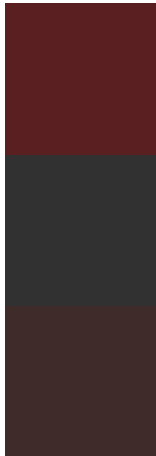
Original Color
5A2021

Protanomaly
442D26

Deuteranomaly
492B1F

Tritanomaly
5A2022

Monochromacy



Original Color
5A2021

Achromatopsia
313131

Achromatomaly
402B2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2021 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 #5A2021 looks like.

```
.text, #text, p{  
    color:#5A2021  
}
```

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 #5A2021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2021  
}
```

Border

The CSS property to change the border of an element to Hex 5A2021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

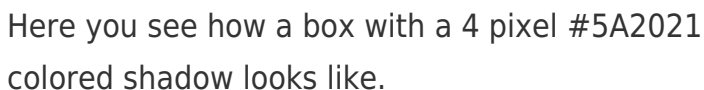
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5A2021 }
```

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

```
.border{ border-color:#5A2021 }
```

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



Here you see how a box with a 4 pixel #5A2021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2021; -webkit-box-shadow:4px 4px  
4px 4px #5A2021; box-shadow:4px 4px 4px  
4px #5A2021 }
```

Background

The CSS property to change the background color of an element to Hex 5A2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2021 }
```

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

```
.background{ background-color:#5A2021 }
```

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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