

Converting Colors

Hex(563A10)

Have a look what the booklet for
Hex(563A10) contains.

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Color

Hex(563A10)

Conversions

Conversions Part 1

Format	Color
Hex	563A10
RGB	86, 58, 16
RGB Percent	34%, 23%, 6%
CMY	0.6627, 0.7725, 0.9373
CMYK	0.00, 0.33, 0.81, 0.66
HSL	36°, 69%, 20%
HSV	36°, 81%, 34%
XYZ	5.4443, 5.0420, 1.1765
YIQ	61.5840, 30.1700, -7.1260

Conversions

Conversions Part 2

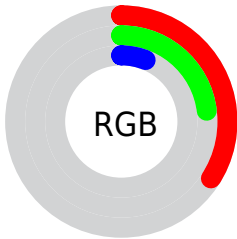
Format	Color
R_{YB}	63, 86, 16
Decimal	5650960
CIE _{Lab}	26.85, 8.02, 29.67
CIE _{LCh}	27, 30.737, 74.866
Yxy	5.0420, 0.4668, 0.4323
Android (android.graphics.Color)	4283841040 (0xFF563A10)
YUV	61.5840, -22.4729, 21.4128
Hunter-Lab	22.4543, 3.9846, 12.6116

Details

The Hex color **563A10** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **102C56**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **8B693D**, and **251000** is the 20% darker color. If you saturate the color by 10%, you get **563707**, and if you desaturate by 10%, it is **563D19**.

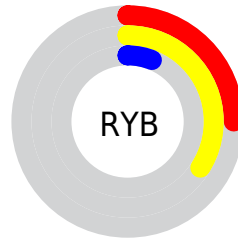
Distribution



Red (34%)

Green (23%)

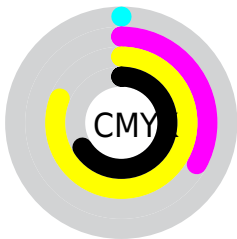
Blue (6%)



Red (25%)

Yellow (34%)

Blue (6%)

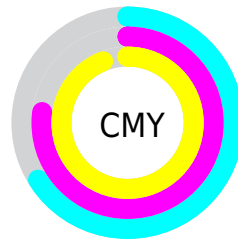


Cyan (0%)

Magenta (33%)

Yellow (81%)

Black (66%)



Cyan (66%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563A10 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 563A10 by changing the saturation by 10% instead.

 563A10

 563A10

 FFFFF5

 3E2400

 8B693D

 251000

 A68255

 000000

 C29C6E

 DFB787

 FCD3A2

 FFEFBD

 FFFFD9

 563A10

 563A10

■ 563707

■ 563D19

■ 563400

■ 564121

■ 56442A

■ 564832

■ 564B3B

■ 564F44

■ 56524C

■ 565655

■ 56595D

Harmonies

Analogous

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



65311F



563A10



41420E

Triad

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



563A10



004B4B



503461

Complementary

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



563A10



102C56

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.



2A3E6D



563A10



004A60

Square

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



563A10



004A32



00456D



642C4C

Rectangle

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



563A10



304616



00456D



463866

Sweetspot

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



563A10



706555



56102C



383228



B8B8B8



383838

Same Dimension

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



563A10



704402



4F5610



2B2A27



6B4000



EB8D00

Inverse Universe

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



102C56



022E70



171056



27292B



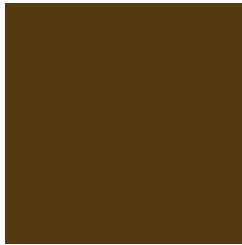
002B6B



005EEB

Previews

White Background



This preview shows how the Hex color 563A10 looks on a white background.

Color Contrast Check

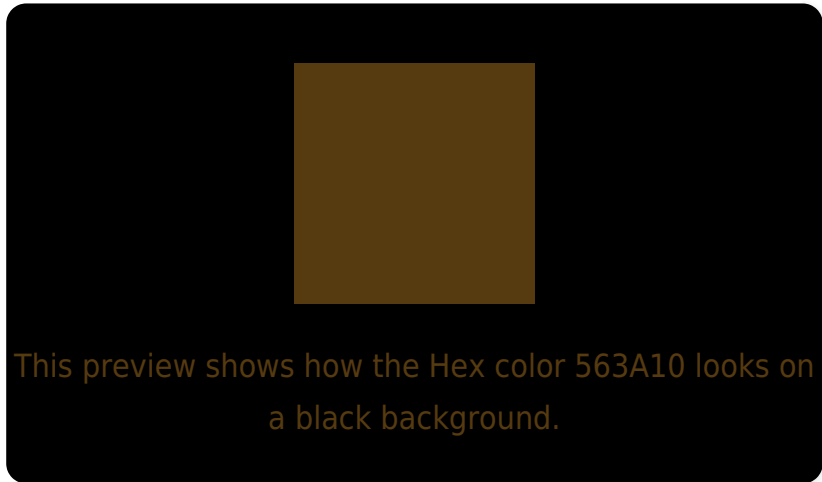
Large Text (above 18pt) WCAG AA ✓ Pass

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

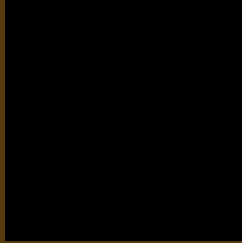
Any Text WCAG AA × Fail

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 563A10 Background



This preview shows how black text looks on a background with the Hex color 563A10.



This preview shows how white text looks on a background with the Hex color 563A10.

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
563A10

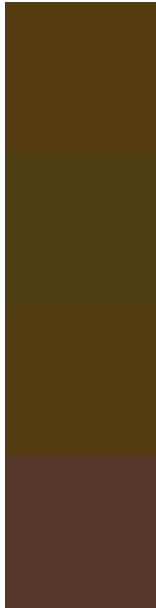
Protanopia
484012

Deuteranopia
503D0F



Tritanopia
58363A

Trichromacy



Original Color
563A10

Protanomaly
4D3E11

Deuteranomaly
523C0F

Tritanomaly
57372B

Monochromacy



Original Color
563A10

Achromatopsia
3E3E3E

Achromatomaly
473D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 563A10 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 #563A10 looks like.

```
.text, #text, p{  
    color:#563A10  
}
```

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 #563A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563A10
}
```

Border

The CSS property to change the border of an element to Hex 563A10 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
#563A10 }
```

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

```
.border{ border-color:#563A10 }
```

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

Here you see how a box with a 4 pixel #563A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563A10; -webkit-box-shadow:4px 4px  
4px 4px #563A10; box-shadow:4px 4px 4px  
4px #563A10 }
```

Background

The CSS property to change the background color of an element to Hex 563A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563A10 }
```

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

```
.background{ background-color:#563A10 }
```

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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