

Converting Colors

Hex(563A00)

Have a look what the booklet for
Hex(563A00) contains.

Hex(563A00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(563A00)

Conversions

Conversions Part 1

Format	Color
Hex	563A00
RGB	86, 58, 0
RGB Percent	34%, 23%, 0%
CMY	0.6627, 0.7725, 1.0000
CMYK	0.00, 0.33, 1.00, 0.66
HSL	40°, 100%, 17%
HSV	40°, 100%, 34%
XYZ	5.3508, 5.0045, 0.6840
YIQ	59.7600, 35.3060, -12.1020

Conversions

Conversions Part 2

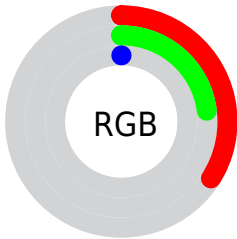
Format	Color
R_{YB}	42, 86, 0
Decimal	5650944
CIE Lab	26.75, 7.37, 36.33
CIE LCh	27, 37.074, 78.530
Yxy	5.0045, 0.4847, 0.4533
Android (android.graphics.Color)	4283841024 (0xFF563A00)
YUV	59.7600, -29.4617, 23.0125
Hunter-Lab	22.3708, 3.5459, 13.8469

Details

The Hex color **563A00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **001C56**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8B6931**, and **241000** is the 20% darker color. If you saturate the color by 10%, you get **563A00**, and if you desaturate by 10%, it is **563D09**.

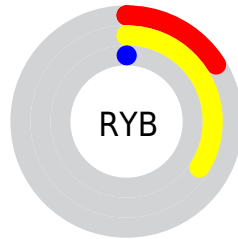
Distribution



Red (34%)

Green (23%)

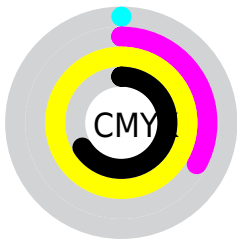
Blue (0%)



Red (16%)

Yellow (34%)

Blue (0%)

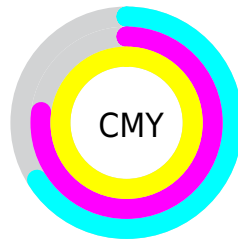


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (66%)



Cyan (66%)

Magenta (77%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 563A00 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 563A00 by changing the saturation by 10% instead.

 563A00

 563A00

 FFFFE8

 3D2400

 8B6931

 241000

 A78248

 000000

 C49C61

 E1B77A

 FED295

 FFEFB0

 FFFFCB

 563A00

■ 563D09

■ 564011

■ 56421A

■ 564522

■ 56482B

■ 564B34

■ 564E3C

■ 565045

■ 56534D

Harmonies

Analogous

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



692E15



563A00



3C4300

Triad

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



563A00



004C50



563065

Complementary

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



563A00



001C56

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.



283C75



563A00



004B69

Square

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



563A00



004C33



004677



6C244B

Rectangle

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



563A00



27470E



004677



4A346C

Sweetspot

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



563A00



70654F



56001D



383224



B8B8B8



383838

Same Dimension

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



563A00



704C00



485600



2B2A27



6B4800



EB9E00

Inverse Universe

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



001C56



002570



0E0056



27282B



00236B



004CEB

Previews

White Background



This preview shows how the Hex color 563A00 looks on a white background.

Color Contrast Check

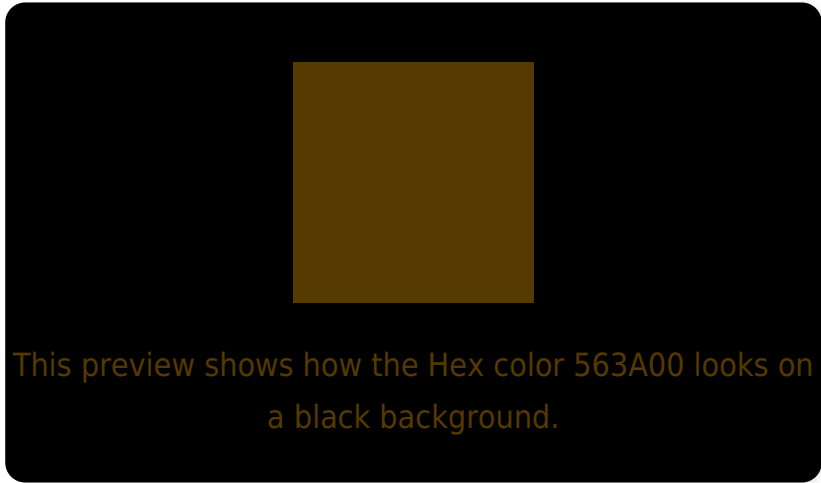
Large Text (above 18pt) WCAG AA ✓ Pass

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 563A00 Background



This preview shows how black text looks on a background with the Hex color 563A00.



This preview shows how white text looks on a background with the Hex color 563A00.

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
563A00

Protanopia
484006

Deuteranopia
513D00



Tritanopia
58363A

Trichromacy



Original Color
563A00

Protanomaly
4D3E04

Deuteranomaly
533C00

Tritanomaly
573725

Monochromacy



Original Color
563A00

Achromatopsia
3C3C3C

Achromatomaly
453B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 563A00 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 #563A00 looks like.

```
.text, #text, p{  
    color:#563A00  
}
```

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 #563A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #563A00
}
```

Border

The CSS property to change the border of an element to Hex 563A00 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
#563A00 }
```

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

```
.border{ border-color:#563A00 }
```

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

Here you see how a box with a 4 pixel #563A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #563A00; -webkit-box-shadow:4px 4px  
4px 4px #563A00; box-shadow:4px 4px 4px  
4px #563A00 }
```

Background

The CSS property to change the background color of an element to Hex 563A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#563A00 }
```

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

```
.background{ background-color:#563A00 }
```

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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