

Converting Colors

Hex(553A13)

Have a look what the booklet for
Hex(553A13) contains.

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Color

Hex(553A13)

Conversions

Conversions Part 1

Format	Color
Hex	553A13
RGB	85, 58, 19
RGB Percent	33%, 23%, 7%
CMY	0.6667, 0.7725, 0.9255
CMYK	0.00, 0.32, 0.78, 0.67
HSL	35°, 63%, 20%
HSV	35°, 78%, 33%
XYZ	5.3769, 5.0044, 1.2987
YIQ	61.6270, 28.6110, -6.4050

Conversions

Conversions Part 2

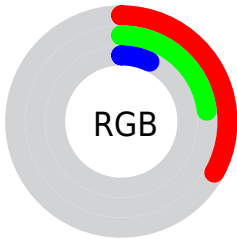
Format	Color
RYB	65, 85, 19
Decimal	5585427
CIELab	26.75, 7.69, 28.01
CIELCh	27, 29.042, 74.655
Yxy	5.0044, 0.4604, 0.4285
Android (android.graphics.Color)	4283775507 (0xFF553A13)
YUV	61.6270, -21.0151, 20.4981
Hunter-Lab	22.3706, 3.7551, 12.2175

Details

The Hex color **553A13** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **132E55**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **896940**, and **241000** is the 20% darker color. If you saturate the color by 10%, you get **55370A**, and if you desaturate by 10%, it is **553D1C**.

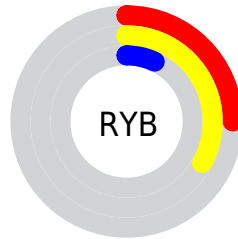
Distribution



Red (33%)

Green (23%)

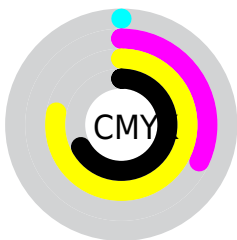
Blue (7%)



Red (25%)

Yellow (33%)

Blue (7%)

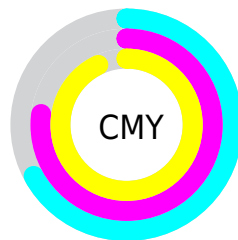


Cyan (0%)

Magenta (32%)

Yellow (78%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 553A13 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 553A13 by changing the saturation by 10% instead.

 553A13

 553A13

 FFFFF8

 3D2400

 896940

 241000

 A58258

 000000

 C19C70

 DDB78A

 FBD3A5

 FFEFC0

 FFFFDC

 553A13

 553A13

■ 55370A

■ 553D1C

■ 553302

■ 554124

■ 553200

■ 55442D

■ 554835

■ 554B3D

■ 554F46

■ 55524E

■ 555657

■ 55595F

Harmonies

Analogous

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



633221



553A13



414111

Triad

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



553A13



004A4A



4F355F

Complementary

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



553A13



132E55

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.



2C3E6A



553A13



00495E

Square

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



553A13



004933



00456A



622D4C

Rectangle

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



553A13



314519



00456A



453864

Sweetspot

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



553A13



6E6354



55132E



383228



B8B8B8



383838

Same Dimension

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



553A13



6E4408



4F5513



2B2A27



6B3F00



EB8B00

Inverse Universe

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



132E55



08316E



191355



27292B



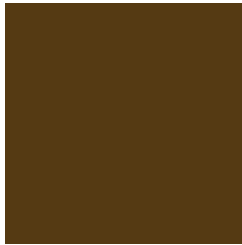
002C6B



0060EB

Previews

White Background



This preview shows how the Hex color 553A13 looks on a white background.

Color Contrast Check

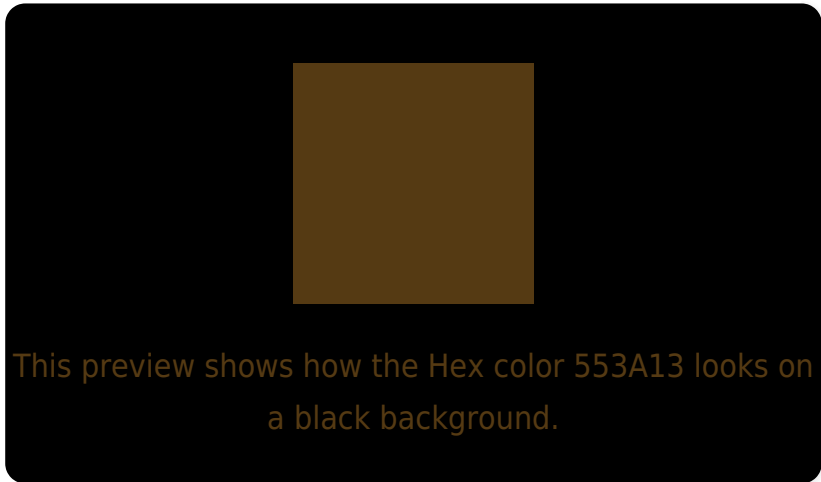
Large Text (above 18pt) WCAG AA ✓ Pass

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 553A13 Background



This preview shows how black text looks on a background with the Hex color 553A13.



This preview shows how white text looks on a background with the Hex color 553A13.

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
553A13

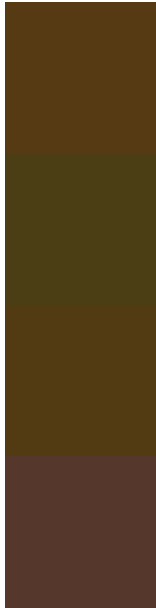
Protanopia
474015

Deuteranopia
503C12



Tritanopia
57363A

Trichromacy



Original Color
553A13

Protanomaly
4C3E14

Deuteranomaly
523B12

Tritanomaly
56372C

Monochromacy



Original Color
553A13

Achromatopsia
3E3E3E

Achromatomaly
463D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 553A13 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 #553A13 looks like.

```
.text, #text, p{  
    color:#553A13  
}
```

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 #553A13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #553A13
}
```

Border

The CSS property to change the border of an element to Hex 553A13 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
#553A13 }
```

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

```
.border{ border-color:#553A13 }
```

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

Here you see how a box with a 4 pixel #553A13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #553A13; -webkit-box-shadow:4px 4px  
4px 4px #553A13; box-shadow:4px 4px 4px  
4px #553A13 }
```

Background

The CSS property to change the background color of an element to Hex 553A13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#553A13 }
```

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

```
.background{ background-color:#553A13 }
```

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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