

Converting Colors

Hex(955B36)

Have a look what the booklet for
Hex(955B36) contains.

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Color

Hex(955B36)

Conversions

Conversions Part 1

Format	Color
Hex	955B36
RGB	149, 91, 54
RGB Percent	58%, 36%, 21%
CMY	0.4157, 0.6431, 0.7882
CMYK	0.00, 0.39, 0.64, 0.42
HSL	23°, 47%, 40%
HSV	23°, 64%, 58%
XYZ	16.8014, 14.1381, 5.3334
YIQ	104.1240, 46.4450, 0.7890

Conversions

Conversions Part 2

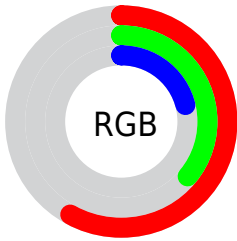
Format	Color
R_YB	149, 115, 54
Decimal	9788214
CIE Lab	44.43, 20.14, 31.01
CIE LCh	44, 36.976, 57.005
Yxy	14.1381, 0.4632, 0.3898
Android (android.graphics.Color)	4287978294 (0xFF955B36)
YUV	104.1240, -24.7111, 39.3563
Hunter-Lab	37.6006, 13.9594, 17.9105

Details

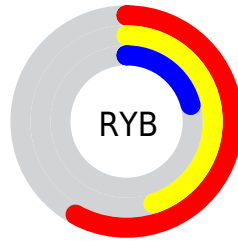
The Hex color **955B36** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **367095**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **CE8E66**, and **5E2C09** is the 20% darker color. If you saturate the color by 10%, you get **955227**, and if you desaturate by 10%, it is **956445**.

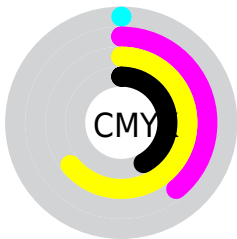
Distribution



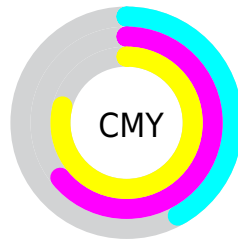
- Red (58%)
- Green (36%)
- Blue (21%)



- Red (58%)
- Yellow (45%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (64%)
- Black (42%)



- Cyan (42%)
- Magenta (64%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 955B36 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 955B36 by changing the saturation by 10% instead.

 955B36

 955B36

FFFFFF

 794320

 CE8E66

 5E2C09

 ECA87F

 441700

 FFC399

 2B0000

 FFDFB4

 000000

 FFFCD0

 FFFFEC

 955B36

 955B36

 955227

 956445

■ 954918

■ 956D54

■ 954009

■ 957663

■ 953A00

■ 957F72

■ 958881

■ 95928F

■ 959B9E

■ 95A4AD

■ 95ADBC

Harmonies

Analogous

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



A2514F



955B36



7E6629

Triad

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



955B36



007865



6662A0

Complementary

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



955B36



367095

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.



246DA6



955B36



007884

Square

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



955B36



387646



00759C



8C568B

Rectangle

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



955B36



6A6D2B



00759C



5566A4

Sweetspot

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



955B36



C2AB9D



953671



61534B



E0E0E0



616161

Same Dimension

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



955B36



C2672D



958A36



4A4543



8A3600



0A0400

Inverse Universe

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



367095



2D88C2



364195



43474A



00548A



00060A

Previews

White Background



This preview shows how the Hex color 955B36 looks on a white background.

Color Contrast Check

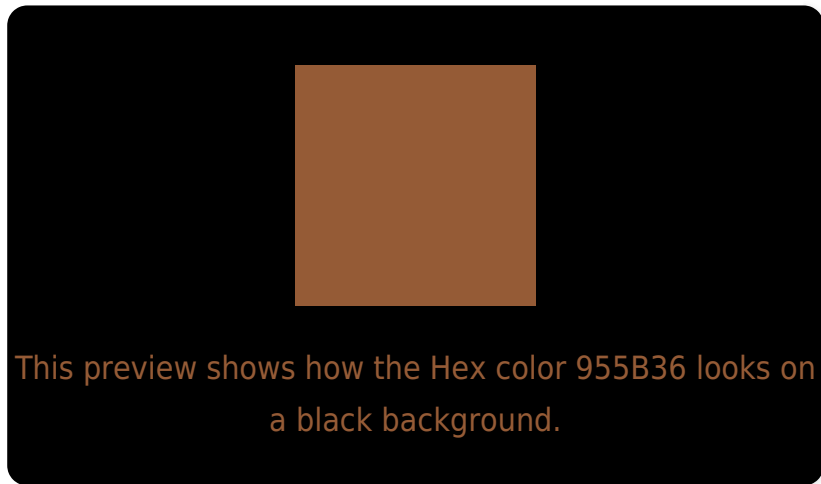
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

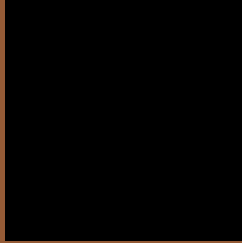
Any Text WCAG AA × Fail

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 955B36 Background



This preview shows how black text looks on a background with the Hex color 955B36.



This preview shows how white text looks on a background with the Hex color 955B36.

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
955B36

Protanopia
746A3B

Deuteranopia
826434

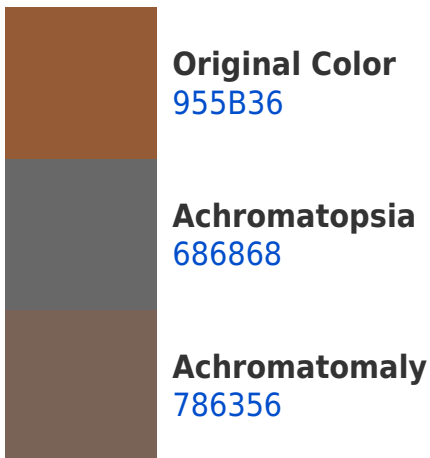


Tritanopia
98565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 955B36 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 #955B36 looks like.

```
.text, #text, p{  
    color:#955B36  
}
```

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 #955B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #955B36
}
```

Border

The CSS property to change the border of an element to Hex 955B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

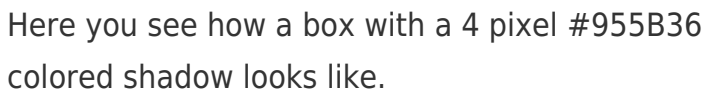
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#955B36 }
```

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

```
.border{ border-color:#955B36 }
```

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



Here you see how a box with a 4 pixel #955B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #955B36; -webkit-box-shadow:4px 4px  
4px 4px #955B36; box-shadow:4px 4px 4px  
4px #955B36 }
```

Background

The CSS property to change the background color of an element to Hex 955B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#955B36 }
```

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

```
.background{ background-color:#955B36 }
```

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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