

Converting Colors

Hex(86553A)

Have a look what the booklet for
Hex(86553A) contains.

| | |
|------------------------------------------------|----|
| Hex(86553A) | 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(86553A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 86553A |
| RGB | 134, 85, 58 |
| RGB Percent | 53%, 33%, 23% |
| CMY | 0.4745, 0.6667, 0.7725 |
| CMYK | 0.00, 0.37, 0.57, 0.47 |
| HSL | 21°, 40%, 38% |
| HSV | 21°, 57%, 53% |
| XYZ | 13.8437, 11.8708, 5.5646 |
| YIQ | 96.5730, 37.8710, 1.9910 |

Conversions

Conversions Part 2

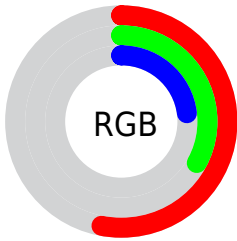
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 134, 100, 58 |
| Decimal | 8803642 |
| CIELab | 41.01, 17.34, 24.07 |
| CIELCh | 41, 29.667, 54.236 |
| Yxy | 11.8708, 0.4426, 0.3795 |
| Android (android.graphics.Color) | 4286993722 (0xFF86553A) |
| YUV | 96.5730, -19.0165, 32.8235 |
| Hunter-Lab | 34.4541, 11.4272, 14.5420 |

Details

The Hex color **86553A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A6B86**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **BE876A**, and **51270F** is the 20% darker color. If you saturate the color by 10%, you get **864C2D**, and if you desaturate by 10%, it is **865E47**.

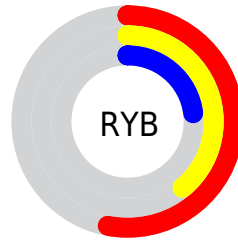
Distribution



Red (53%)

Green (33%)

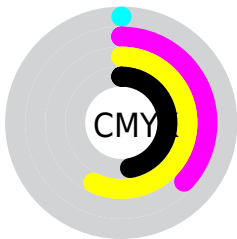
Blue (23%)



Red (53%)

Yellow (39%)

Blue (23%)

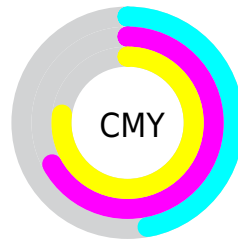


Cyan (0%)

Magenta (37%)

Yellow (57%)

Black (47%)



Cyan (47%)

Magenta (67%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86553A 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 86553A by changing the saturation by 10% instead.



86553A



86553A

FFFFFF



6B3E24



BE876A



51270F



DAA183



381200



F8BC9D



210000



FFD8B8



000000



FFF5D4



FFFFF0



86553A



86553A



864C2D



865E47

■ 86441F

■ 866655

■ 863B12

■ 866F62

■ 863204

■ 867870

■ 863000

■ 86807D

■ 86898A

■ 869198

■ 869AA5

■ 86A3B3

Harmonies

Analogous

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



8F4E4E



86553A



745E30

Triad

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



86553A



166D5B



5C5C8D

Complementary

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



86553A



3A6B86

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.



2F6591



86553A



006D74

Square

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



86553A



3F6A43



006A88



7B537D

Rectangle

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



86553A



646330



006A88



4F5F90

Sweetspot

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



86553A



AD9A90



863A6B



574C45



D6D6D6



575757

Same Dimension

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



86553A



AD6137



867B3A



423E3C



822E00



030100

Inverse Universe

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



3A6B86



3784AD



3A4586



3C4042



005482



000203

Previews

White Background



This preview shows how the Hex color 86553A looks on a white background.

Color Contrast Check

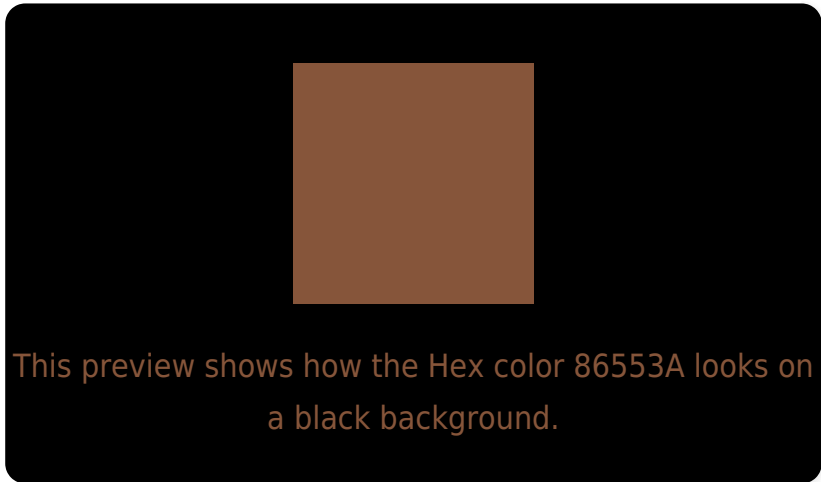
Large Text (above 18pt) WCAG AA ✓ Pass

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 86553A Background



This preview shows how black text looks on a background with the Hex color 86553A.



This preview shows how white text looks on a background with the Hex color 86553A.

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
86553A

Protanopia
6A613F

Deuteranopia
765D38



Tritanopia
885157

Trichromacy



Original Color
86553A

Protanomaly
745D3D

Deuteranomaly
7C5A39

Tritanomaly
87524C

Monochromacy



Original Color
86553A

Achromatopsia
616161

Achromatomaly
6E5D53

CSS Examples

Text

The CSS property to change the color of the text to Hex 86553A 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 #86553A looks like.

```
.text, #text, p{  
    color:#86553A  
}
```

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 #86553A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86553A
}
```

Border

The CSS property to change the border of an element to Hex 86553A is called "border". The border property can be set on classes, ids or directly on the HTML element.

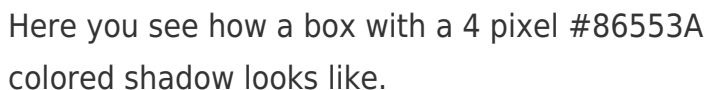
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86553A }
```

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

```
.border{ border-color:#86553A }
```

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



Here you see how a box with a 4 pixel #86553A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86553A; -webkit-box-shadow:4px 4px  
4px 4px #86553A; box-shadow:4px 4px 4px  
4px #86553A }
```

Background

The CSS property to change the background color of an element to Hex 86553A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86553A }
```

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

```
.background{ background-color:#86553A }
```

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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