

Converting Colors

Hex(63502F)

Have a look what the booklet for
Hex(63502F) contains.

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Color

Hex(63502F)

Conversions

Conversions Part 1

Format	Color
Hex	63502F
RGB	99, 80, 47
RGB Percent	39%, 31%, 18%
CMY	0.6118, 0.6863, 0.8157
CMYK	0.00, 0.19, 0.53, 0.61
HSL	38°, 36%, 29%
HSV	38°, 53%, 39%
XYZ	8.5273, 8.5952, 3.8989
YIQ	81.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

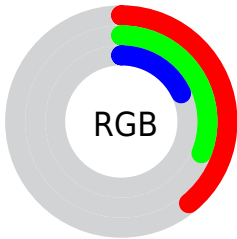
Format	Color
R_{YB}	77, 99, 47
Decimal	6508591
CIE _{Lab}	35.19, 3.18, 22.34
CIE _{LCh}	35, 22.567, 81.910
Yxy	8.5952, 0.4056, 0.4089
Android (android.graphics.Color)	4284698671 (0xFF63502F)
YUV	81.9190, -17.2151, 14.9800
Hunter-Lab	29.3176, 0.6129, 12.6374

Details

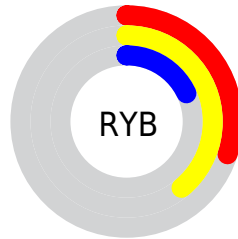
The Hex color **63502F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F4263**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **97815E**, and **332400** is the 20% darker color. If you saturate the color by 10%, you get **634C25**, and if you desaturate by 10%, it is **635439**.

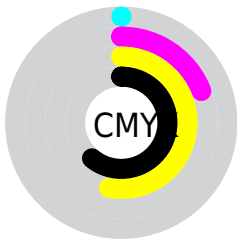
Distribution



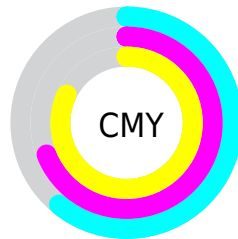
- Red (39%)
- Green (31%)
- Blue (18%)



- Red (30%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63502F 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 63502F by changing the saturation by 10% instead.



63502F



63502F

FFFFFF



4A3919



97815E



332400



B29B77



1C0F00



CEB690



000000



EBD1AB



FFEEC6



FFFFE2



63502F



63502F



634C25



635439

■ 63491B

■ 635743

■ 634511

■ 635B4D

■ 634207

■ 635E57

■ 633F00

■ 636261

■ 63666A

■ 636974

■ 636D7E

■ 637188

Harmonies

Analogous

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



704A37



63502F



515631

Triad

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



63502F



095C60



654969

Complementary

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



63502F



2F4263

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.



4E5074



63502F



0F5A6F

Square

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



63502F



255C4D



305676



724558

Rectangle

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



63502F



445937



305676



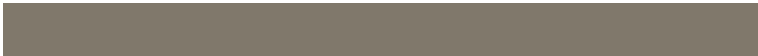
5E4B6E

Sweetspot

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



63502F



80786B



632F42



403B34



BFBFBF



404040

Same Dimension

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



63502F



80622F



5C632F



302F2C



704700



F09800

Inverse Universe

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



2F4263



2F4D80



362F63



2C2D30



002970



0058F0

Previews

White Background



This preview shows how the Hex color 63502F looks on a white background.

Color Contrast Check

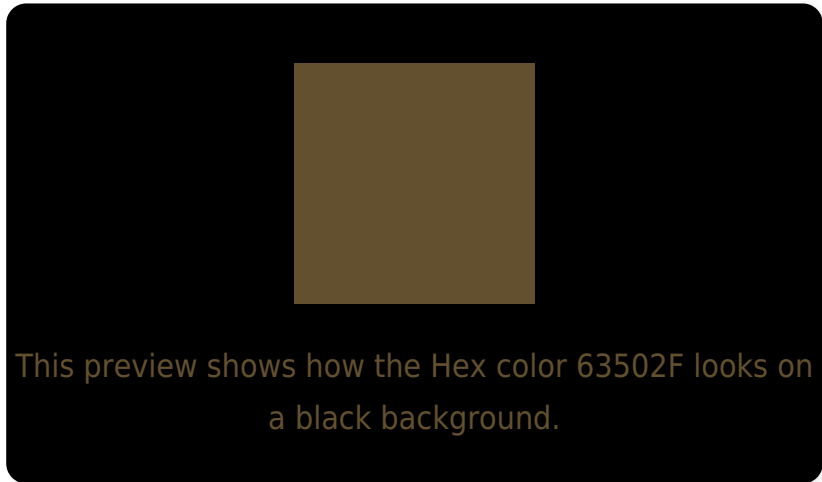
Large Text (above 18pt) WCAG AA ✓ Pass

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

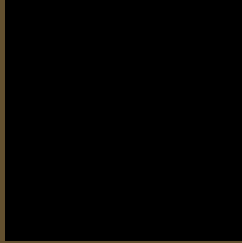
Any Text WCAG AA × Fail

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 63502F Background



This preview shows how black text looks on a background with the Hex color 63502F.



This preview shows how white text looks on a background with the Hex color 63502F.

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
63502F

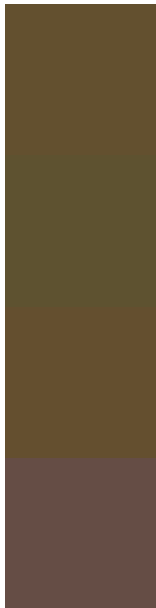
Protanopia
5B5330

Deuteranopia
654F2F



Tritanopia
664C52

Trichromacy



Original Color
63502F

Protanomaly
5E5230

Deuteranomaly
644F2F

Tritanomaly
654D45

Monochromacy



Original Color
63502F

Achromatopsia
525252

Achromatomaly
585145

CSS Examples

Text

The CSS property to change the color of the text to Hex 63502F 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 #63502F looks like.

```
.text, #text, p{  
    color:#63502F  
}
```

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 #63502F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63502F
}
```

Border

The CSS property to change the border of an element to Hex 63502F is called "border". The border property can be set on classes, ids or directly on the HTML element.

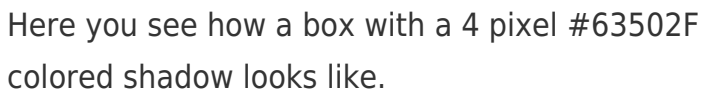
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63502F }
```

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

```
.border{ border-color:#63502F }
```

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



Here you see how a box with a 4 pixel #63502F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63502F; -webkit-box-shadow:4px 4px  
4px 4px #63502F; box-shadow:4px 4px 4px  
4px #63502F }
```

Background

The CSS property to change the background color of an element to Hex 63502F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63502F }
```

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

```
.background{ background-color:#63502F }
```

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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