

# Converting Colors

Hex(653D24)

Have a look what the booklet for  
Hex(653D24) contains.

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**Color**

**Hex(653D24)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	653D24
RGB	101, 61, 36
RGB Percent	40%, 24%, 14%
CMY	0.6039, 0.7608, 0.8588
CMYK	0.00, 0.40, 0.64, 0.60
HSL	23°, 47%, 27%
HSV	23°, 64%, 40%
XYZ	7.3540, 6.2316, 2.4843
YIQ	70.1100, 31.8650, 0.7050

# Conversions

## Conversions Part 2

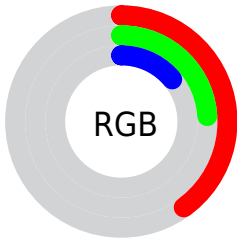
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 77, 36
Decimal	6634788
CIE <sub>Lab</sub>	29.99, 14.83, 22.57
CIE <sub>LCh</sub>	30, 27.003, 56.691
Yxy	6.2316, 0.4576, 0.3878
Android (android.graphics.Color)	4284824868 (0xFF653D24)
YUV	70.1100, -16.8162, 27.0905
Hunter-Lab	24.9631, 8.8998, 11.5737

# Details

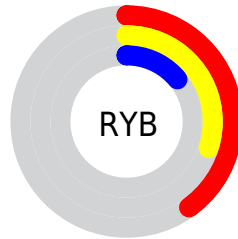
The Hex color **653D24** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **244C65**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9B6D51**, and **331200** is the 20% darker color. If you saturate the color by 10%, you get **65371A**, and if you desaturate by 10%, it is **65432E**.

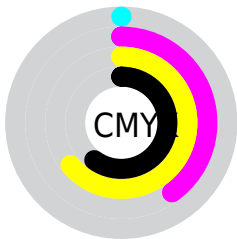
# Distribution



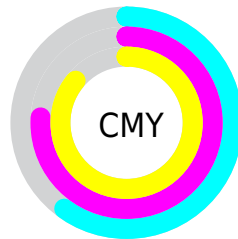
- Red (40%)
- Green (24%)
- Blue (14%)



- Red (40%)
- Yellow (30%)
- Blue (14%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 653D24 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 653D24 by changing the saturation by 10% instead.





653D24



653D24

FFFFFF



4B270F



9B6D51



331200



B6866A



1C0001



D3A083



000000



F0BB9D



FFD7B8



FFF4D4



FFFFFF0



653D24



653D24

■ 65371A

■ 65432E

■ 653110

■ 654938

■ 652A06

■ 655042

■ 652700

■ 65564C

■ 655C57

■ 656261

■ 65696B

■ 656F75

■ 65757F

# Harmonies

## Analogous

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



6E3735



653D24



55451C

# Triad

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



653D24



005144



44426C

# Complementary

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



653D24



244C65

# 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.



1A4A70



653D24



005159

# Square

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



653D24



264F2F



004F69



5E3A5E

# Rectangle

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



653D24



48491D



004F69



39456F



# Sweetspot

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



653D24



827369



65244C



423933



C2C2C2



424242



# Same Dimension

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



653D24



82441E



655D24



33302E



732C00



F25D00



# Inverse Universe

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



244C65



1E5C82



242C65



2E3133



004773



0095F2



# Previews

## White Background



This preview shows how the Hex color 653D24 looks on a white background.

## Color Contrast Check

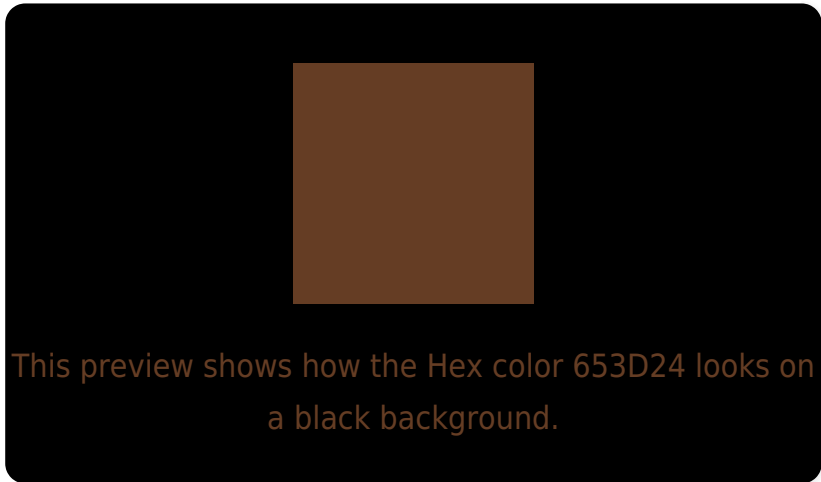
Large Text (above 18pt) WCAG AA ✓ Pass

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

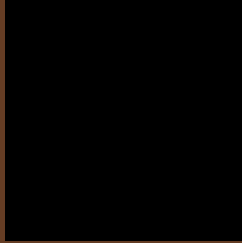
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 653D24 Background



This preview shows how black text looks on a background with the Hex color 653D24.



This preview shows how white text looks on a background with the Hex color 653D24.

# 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**  
653D24

**Protanopia**  
4E4727

**Deuteranopia**  
584422



**Tritanopia**  
673A3E

# Trichromacy



**Original Color**  
653D24

**Protanomaly**  
564326

**Deuteranomaly**  
5D4123

**Tritanomaly**  
663B35

# Monochromacy



**Original Color**  
653D24

**Achromatopsia**  
464646

**Achromatomaly**  
51433A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 653D24 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 #653D24 looks like.

```
.text, #text, p{  
    color:#653D24  
}
```

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 #653D24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653D24
}
```

## Border

The CSS property to change the border of an element to Hex 653D24 is called "border". The border property can be set on classes, ids or directly on the HTML element.

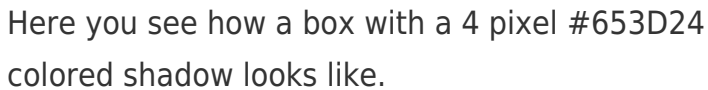
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#653D24 }
```

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

```
.border{ border-color:#653D24 }
```

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



Here you see how a box with a 4 pixel #653D24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653D24; -webkit-box-shadow:4px 4px  
4px 4px #653D24; box-shadow:4px 4px 4px  
4px #653D24 }
```

# Background

The CSS property to change the background color of an element to Hex 653D24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653D24 }
```

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

```
.background{ background-color:#653D24 }
```

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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