

# Converting Colors

Hex(743B21)

Have a look what the booklet for  
Hex(743B21) contains.

<b>Hex(743B21)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(743B21)**

# Conversions

## Conversions Part 1

Format	Color
Hex	743B21
RGB	116, 59, 33
RGB Percent	45%, 23%, 13%
CMY	0.5451, 0.7686, 0.8706
CMYK	0.00, 0.49, 0.72, 0.55
HSL	19°, 56%, 29%
HSV	19°, 72%, 45%
XYZ	9.0409, 6.9507, 2.3040
YIQ	73.0790, 42.3180, 3.9980

# Conversions

## Conversions Part 2

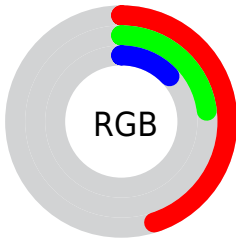
Format	Color
R <sub>Y</sub> B	116, 71, 33
Decimal	7617313
CIE Lab	31.69, 22.66, 26.91
CIE LCh	32, 35.184, 49.902
Yxy	6.9507, 0.4942, 0.3799
Android (android.graphics.Color)	4285807393 (0xFF743B21)
YUV	73.0790, -19.7589, 37.6417
Hunter-Lab	26.3643, 15.0745, 13.2737

# Details

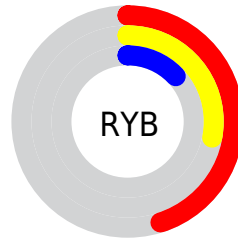
The Hex color **743B21** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **215A74**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AC6B4E**, and **3F0E00** is the 20% darker color. If you saturate the color by 10%, you get **743315**, and if you desaturate by 10%, it is **74432D**.

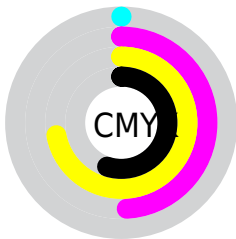
# Distribution



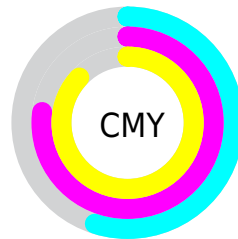
- Red (45%)
- Green (23%)
- Blue (13%)



- Red (45%)
- Yellow (28%)
- Blue (13%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (55%)



- Cyan (55%)
- Magenta (77%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 743B21 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 743B21 by changing the saturation by 10% instead.



 743B21

 743B21

FFFFFF

 59240B

 AC6B4E

 3F0E00

 C98567

 280000

 E69F80

 000000

 FFBA9A

 FFD6B5

 FFF3D1

 FFFFED

 743B21

 743B21

■ 743315

■ 74432D

■ 742B0A

■ 744B38

■ 742400

■ 745344

■ 745B4F

■ 74635B

■ 746B67

■ 747372

■ 747B7E

■ 748389

# Harmonies

## Analogous

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



7D3239



743B21



614610

# Triad

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



743B21



005740



3A477F

# Complementary

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



743B21



215A74

# 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.



005081



743B21



00585D

# Square

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



743B21



265425



005674



633B6E

# Rectangle

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



743B21



514C0F



005674



254B81



# Sweetspot

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



743B21



968177



74215B



4D3F39



CCCCCC



4D4D4D



# Same Dimension

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



743B21



963E15



746321



3B3735



7A2600



FA4E00



# Inverse Universe

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



215A74



156E96



213274



35393B



00547A



00ACFA



# Previews

## White Background



This preview shows how the Hex color 743B21 looks on a white background.

## Color Contrast Check

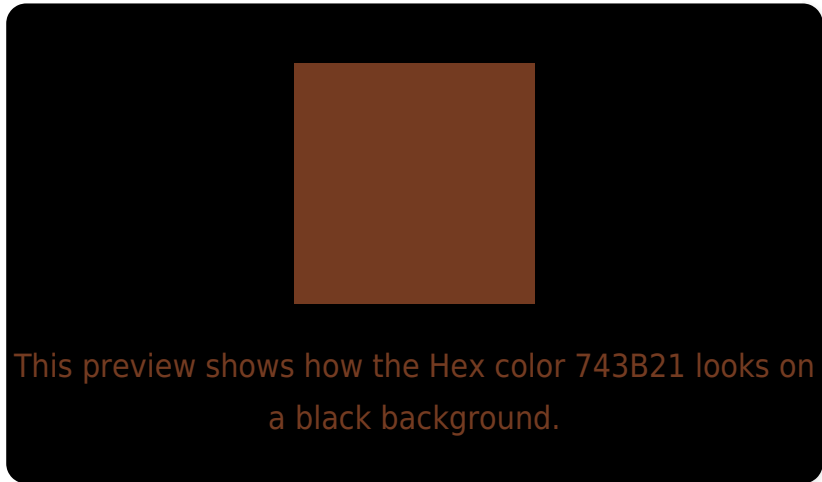
Large Text (above 18pt) WCAG AA ✓ Pass

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 743B21 Background



This preview shows how black text looks on a background with the Hex color 743B21.



This preview shows how white text looks on a background with the Hex color 743B21.

# 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**  
743B21

**Protanopia**  
534B26

**Deuteranopia**  
5E481E



**Tritanopia**  
75383C

# Trichromacy



**Original Color**  
743B21

**Protanomaly**  
5F4524

**Deuteranomaly**  
66431F

**Tritanomaly**  
753932

# Monochromacy



**Original Color**  
743B21

**Achromatopsia**  
494949

**Achromatomaly**  
59443A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 743B21 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 #743B21 looks like.

```
.text, #text, p{  
    color:#743B21  
}
```

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 #743B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #743B21
}
```

## Border

The CSS property to change the border of an element to Hex 743B21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

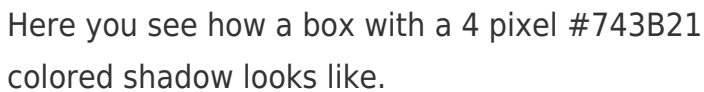
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#743B21 }
```

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

```
.border{ border-color:#743B21 }
```

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



Here you see how a box with a 4 pixel #743B21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #743B21; -webkit-box-shadow:4px 4px  
4px 4px #743B21; box-shadow:4px 4px 4px  
4px #743B21 }
```

# Background

The CSS property to change the background color of an element to Hex 743B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#743B21 }
```

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

```
.background{ background-color:#743B21 }
```

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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