

Converting Colors

Hex(764D23)

Have a look what the booklet for
Hex(764D23) contains.

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Color

Hex(764D23)

Conversions

Conversions Part 1

Format	Color
Hex	764D23
RGB	118, 77, 35
RGB Percent	46%, 30%, 14%
CMY	0.5373, 0.6980, 0.8627
CMYK	0.00, 0.35, 0.70, 0.54
HSL	30°, 54%, 30%
HSV	30°, 70%, 46%
XYZ	10.4285, 9.2807, 2.8318
YIQ	84.4710, 37.9180, -4.3700

Conversions

Conversions Part 2

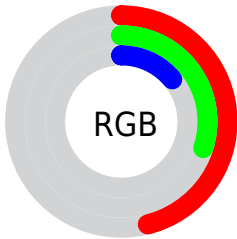
Format	Color
RYB	116, 118, 35
Decimal	7752995
CIELab	36.52, 12.99, 31.29
CIELCh	37, 33.884, 67.455
Yxy	9.2807, 0.4626, 0.4117
Android (android.graphics.Color)	4285943075 (0xFF764D23)
YUV	84.4710, -24.3892, 29.4049
Hunter-Lab	30.4642, 7.7916, 15.8136

Details

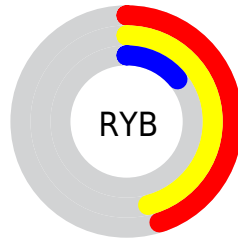
The Hex color **764D23** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **234C76**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **AD7E51**, and **422100** is the 20% darker color. If you saturate the color by 10%, you get **764717**, and if you desaturate by 10%, it is **76532F**.

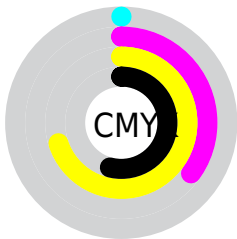
Distribution



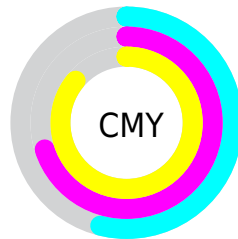
- Red (46%)
- Green (30%)
- Blue (14%)



- Red (45%)
- Yellow (46%)
- Blue (14%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (54%)



- Cyan (54%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764D23 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 764D23 by changing the saturation by 10% instead.

 764D23

 764D23

FFFFFF

 5B360C

 AD7E51

 422100

 CA986A

 290C00

 E7B384

 000000

 FFCE9E

 FFEAB9

 FFFFD5

 FFFFF1

 764D23

 764D23

■ 764717

■ 76532F

■ 76410B

■ 76593B

■ 763C00

■ 765E46

■ 766452

■ 766A5E

■ 76706A

■ 767676

■ 767C81

■ 76818D

Harmonies

Analogous

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



854336



764D23



5F571D

Triad

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



764D23



00645C



614C81

Complementary

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



764D23



234C76

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.



31578C



764D23



006276

Square

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



764D23



176240



005E88



7D426B

Rectangle

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



764D23



4C5C23



005E88



535086

Sweetspot

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



764D23



998979



76234D



4D4339



CCCCCC



4D4D4D

Same Dimension

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



764D23



995A18



767623



3B3835



7A3E00



FA7E00

Inverse Universe

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



234C76



185899



232376



35383B



003C7A



007BFA

Previews

White Background



This preview shows how the Hex color 764D23 looks on a white background.

Color Contrast Check

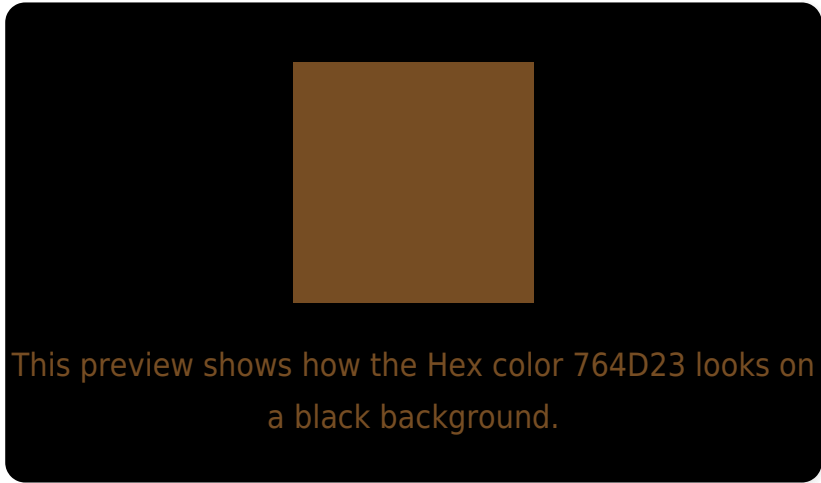
Large Text (above 18pt) WCAG AA ✓ Pass

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

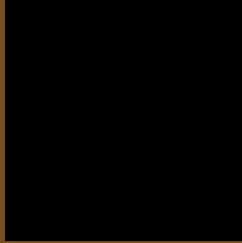
Any Text WCAG AA × Fail

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 764D23 Background



This preview shows how black text looks on a background with the Hex color 764D23.



This preview shows how white text looks on a background with the Hex color 764D23.

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
764D23

Protanopia
605626

Deuteranopia
6C5222



Tritanopia
79484E

Trichromacy



Original Color
764D23

Protanomaly
685325

Deuteranomaly
705022

Tritanomaly
784A3E

Monochromacy



Original Color
764D23

Achromatopsia
545454

Achromatomaly
605142

CSS Examples

Text

The CSS property to change the color of the text to Hex 764D23 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 #764D23 looks like.

```
.text, #text, p{  
    color:#764D23  
}
```

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 #764D23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764D23
}
```

Border

The CSS property to change the border of an element to Hex 764D23 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
#764D23 }
```

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

```
.border{ border-color:#764D23 }
```

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

Here you see how a box with a 4 pixel #764D23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764D23; -webkit-box-shadow:4px 4px  
4px 4px #764D23; box-shadow:4px 4px 4px  
4px #764D23 }
```

Background

The CSS property to change the background color of an element to Hex 764D23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764D23 }
```

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

```
.background{ background-color:#764D23 }
```

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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