

Converting Colors

Hex(7C4025)

Have a look what the booklet for
Hex(7C4025) contains.

Hex(7C4025)	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(7C4025)

Conversions

Conversions Part 1

Format	Color
Hex	7C4025
RGB	124, 64, 37
RGB Percent	49%, 25%, 15%
CMY	0.5137, 0.7490, 0.8549
CMYK	0.00, 0.48, 0.70, 0.51
HSL	19°, 54%, 32%
HSV	19°, 70%, 49%
XYZ	10.4795, 8.0854, 2.7586
YIQ	78.8620, 44.4270, 4.3230

Conversions

Conversions Part 2

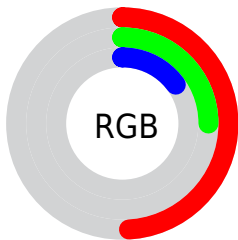
Format	Color
R_{YB}	124, 76, 37
Decimal	8142885
CIE Lab	34.16, 23.55, 27.74
CIE LCh	34, 36.390, 49.674
Yxy	8.0854, 0.4915, 0.3792
Android (android.graphics.Color)	4286332965 (0xFF7C4025)
YUV	78.8620, -20.6380, 39.5860
Hunter-Lab	28.4349, 16.0239, 14.1525

Details

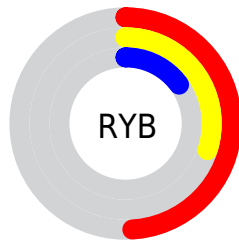
The Hex color **7C4025** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **25617C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **B47153**, and **471300** is the 20% darker color. If you saturate the color by 10%, you get **7C3719**, and if you desaturate by 10%, it is **7C4931**.

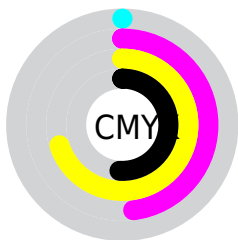
Distribution



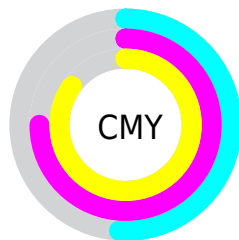
- Red (49%)
- Green (25%)
- Blue (15%)



- Red (49%)
- Yellow (30%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (70%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C4025 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 7C4025 by changing the saturation by 10% instead.

 7C4025

 7C4025

FFFFFF

 612910

 B47153

 471300

 D18B6B

 2D0000

 EFA585

 000000

 FFC09F

 FFDCBA

 FFF9D6

 FFFFF2

 7C4025

 7C4025

■ 7C3719

■ 7C4931

■ 7C2F0C

■ 7C513E

■ 7C2600

■ 7C5A4A

■ 7C6257

■ 7C6B63

■ 7C736F

■ 7C7C7C

■ 7C8488

■ 7C8D95

Harmonies

Analogous

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



85373F



7C4025



684B14

Triad

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



7C4025



005E45



3F4D87

Complementary

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



7C4025



25617C

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.



005689



7C4025



005E63

Square

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



7C4025



2B5B29



005C7C



6A4176

Rectangle

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



7C4025



575212



005C7C



295089

Sweetspot

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



7C4025



A1897F



7C2562



52443D



D1D1D1



525252

Same Dimension

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



7C4025



A1441A



7C6B25



3D3937



7D2700



FC4E00

Inverse Universe

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



25617C



1A77A1



25367C



373B3D



00567D



00AEFC

Previews

White Background



This preview shows how the Hex color 7C4025 looks on a white background.

Color Contrast Check

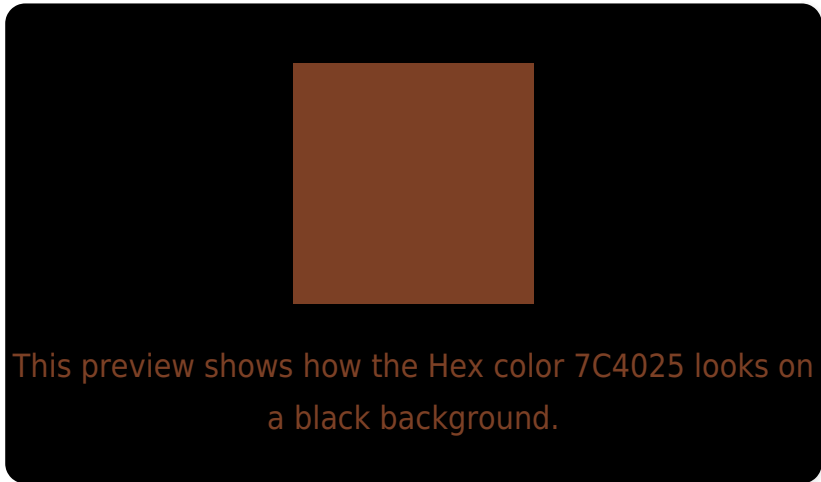
Large Text (above 18pt) WCAG AA ✓ Pass

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 7C4025 Background



This preview shows how black text looks on a background with the Hex color 7C4025.



This preview shows how white text looks on a background with the Hex color 7C4025.

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
7C4025

Protanopia
59512A

Deuteranopia
654D22



Tritanopia
7D3D41

Trichromacy



Original Color
7C4025

Protanomaly
664B28

Deuteranomaly
6D4823

Tritanomaly
7D3E37

Monochromacy



Original Color
7C4025

Achromatopsia
4F4F4F

Achromatomaly
5F4A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C4025 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 #7C4025 looks like.

```
.text, #text, p{  
  color:#7C4025  
}
```

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 #7C4025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C4025
}
```

Border

The CSS property to change the border of an element to Hex 7C4025 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
#7C4025 }
```

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

```
.border{ border-color:#7C4025 }
```

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

Here you see how a box with a 4 pixel #7C4025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C4025; -webkit-box-shadow:4px 4px  
4px 4px #7C4025; box-shadow:4px 4px 4px  
4px #7C4025 }
```

Background

The CSS property to change the background color of an element to Hex 7C4025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C4025 }
```

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

```
.background{ background-color:#7C4025 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor