

Converting Colors

Hex(712F24)

Have a look what the booklet for
Hex(712F24) contains.

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Color

Hex(712F24)

Conversions

Conversions Part 1

Format	Color
Hex	712F24
RGB	113, 47, 36
RGB Percent	44%, 18%, 14%
CMY	0.5569, 0.8157, 0.8588
CMYK	0.00, 0.58, 0.68, 0.56
HSL	9°, 52%, 29%
HSV	9°, 68%, 44%
XYZ	8.1450, 5.6711, 2.3344
YIQ	65.4800, 42.8670, 10.5710

Conversions

Conversions Part 2

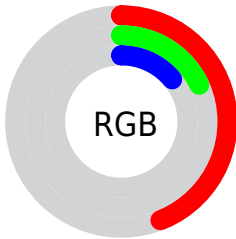
Format	Color
R_{YB}	113, 49, 36
Decimal	7417636
CIE Lab	28.57, 28.34, 21.28
CIE LCh	29, 35.439, 36.902
Yxy	5.6711, 0.5043, 0.3511
Android (android.graphics.Color)	4285607716 (0xFF712F24)
YUV	65.4800, -14.5336, 41.6750
Hunter-Lab	23.8141, 19.3767, 10.8579

Details

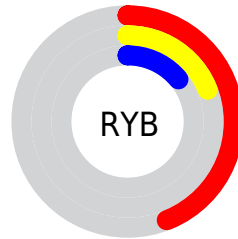
The Hex color **712F24** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **246671**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A95F51**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **712519**, and if you desaturate by 10%, it is **71392F**.

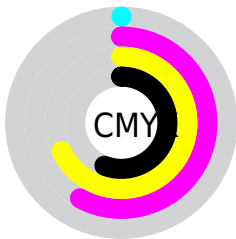
Distribution



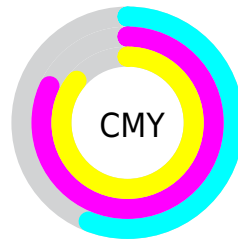
- Red (44%)
- Green (18%)
- Blue (14%)



- Red (44%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (56%)




- Cyan (56%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712F24 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 712F24 by changing the saturation by 10% instead.

 712F24

 712F24

FFFFFF

 56180F

 A95F51

 3C0000

 C67969

 240001

 E39382


 000000


 FFAE9C

 FFC9B7

 FFE6D3

 FFFFEF

 712F24

 712F24

■ 712519

■ 71392F

■ 711C0D

■ 71423B

■ 711202

■ 714C46

■ 711000

■ 715651

■ 715F5D

■ 716968

■ 717373

■ 717C7E

■ 71868A

Harmonies

Analogous

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



74293E



712F24



623A0F

Triad

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



712F24



004F2D



0D447A

Complementary

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



712F24



246671

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.



004C75



712F24



005049

Square

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



712F24



2F4B14



005064



4D396F

Rectangle

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



712F24



544106



005064



00477A

Sweetspot

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



712F24



947B76



712467



4A3B38



C9C9C9



4A4A4A

Same Dimension

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



712F24



942C1B



715524



383332



781100



F72300

Inverse Universe

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



246671



1B8394



244071



323738



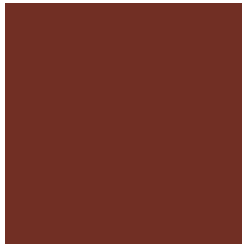
006778



00D4F7

Previews

White Background



This preview shows how the Hex color 712F24 looks on a white background.

Color Contrast Check

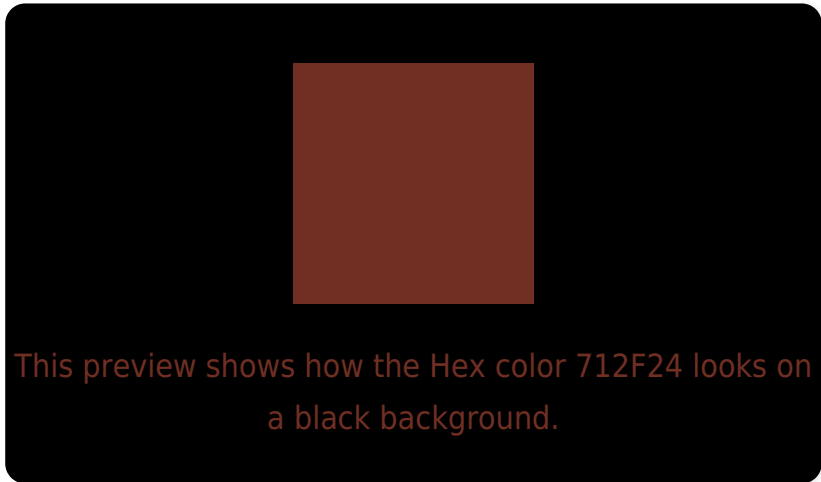
Large Text (above 18pt) WCAG AA ✓ Pass

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

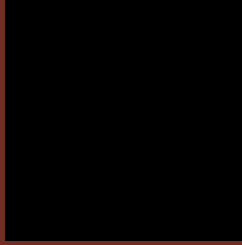
Any Text WCAG AA × Fail

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 712F24 Background



This preview shows how black text looks on a background with the Hex color 712F24.

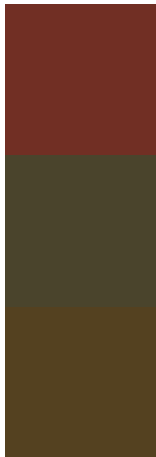


This preview shows how white text looks on a background with the Hex color 712F24.

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
712F24

Protanopia
4A442C

Deuteranopia
544120



Tritanopia
722D30

Trichromacy



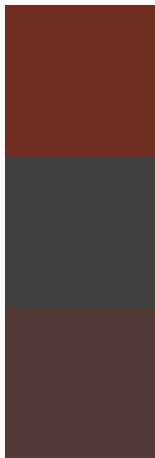
Original Color
712F24

Protanomaly
583C29

Deuteranomaly
5F3A21

Tritanomaly
722E2C

Monochromacy



Original Color
712F24

Achromatopsia
414141

Achromatomaly
523A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 712F24 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 #712F24 looks like.

```
.text, #text, p{  
    color:#712F24  
}
```

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 #712F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712F24
}
```

Border

The CSS property to change the border of an element to Hex 712F24 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".

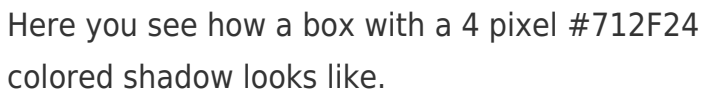
```
.border, #border, table{ border:4px solid
#712F24 }
```

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

```
.border{ border-color:#712F24 }
```

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

Here you see how a box with a 4 pixel #712F24 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712F24; -webkit-box-shadow:4px 4px  
4px 4px #712F24; box-shadow:4px 4px 4px  
4px #712F24 }
```

Background

The CSS property to change the background color of an element to Hex 712F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712F24 }
```

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

```
.background{ background-color:#712F24 }
```

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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