

Converting Colors

Hex(762F31)

Have a look what the booklet for
Hex(762F31) contains.

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Color

Hex(762F31)

Conversions

Conversions Part 1

Format	Color
Hex	762F31
RGB	118, 47, 49
RGB Percent	46%, 18%, 19%
CMY	0.5373, 0.8157, 0.8078
CMYK	0.00, 0.60, 0.58, 0.54
HSL	358°, 43%, 32%
HSV	358°, 60%, 46%
XYZ	9.0421, 6.1063, 3.6078
YIQ	68.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

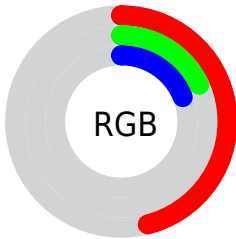
Format	Color
R_{YB}	118, 47, 49
Decimal	7745329
CIE _{Lab}	29.68, 31.36, 14.52
CIE _{LCh}	30, 34.557, 24.845
Yxy	6.1063, 0.4821, 0.3256
Android (android.graphics.Color)	4285935409 (0xFF762F31)
YUV	68.4570, -9.5923, 43.4492
Hunter-Lab	24.7110, 22.0715, 8.6414

Details

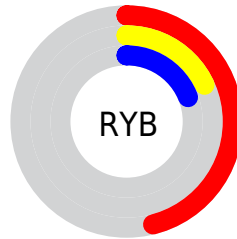
The Hex color **762F31** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F7674**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AE605F**, and **410002** is the 20% darker color. If you saturate the color by 10%, you get **762326**, and if you desaturate by 10%, it is **763B3C**.

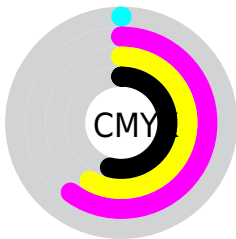
Distribution



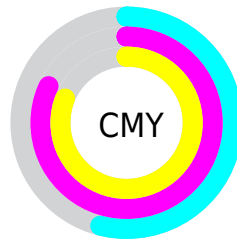
- Red (46%)
- Green (18%)
- Blue (19%)



- Red (46%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (60%)
- Yellow (58%)
- Black (54%)



- Cyan (54%)
- Magenta (82%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 762F31 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 762F31 by changing the saturation by 10% instead.

 762F31

 762F31

FFFFFF

 5B171C


 AE605F

 410002

 CA7978

 2B0001

 E89491

 000000

 FFAFAC

 FFCBC7

 FFE7E3

 762F31

 762F31

 762326

 763B3C

 76171A

 764748

 760C0F

 765253

 760003

 765E5F

 766A6A

 767676

 768281

 768D8D

 769998

Harmonies

Analogous

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



742D4C



762F31



6B381A

Triad

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



762F31



1A5025



004A7B

Complementary

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



762F31



2F7674

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.



005071



762F31



005240

Square

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



762F31



3E4B11



00535C



3E4177

Rectangle

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



762F31



5F400F



00535C



004D7A

Sweetspot

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



762F31



997D7E



742F76



4D3C3C



CCCCCC



4D4D4D

Same Dimension

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



762F31



992B2E



76502F



3B3535



7A0003



FA0007

Inverse Universe

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



762F31



992B2E



2F5576



3B3535



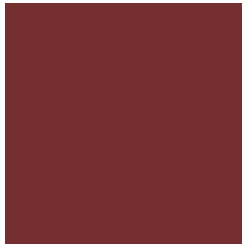
7A0003



FA0007

Previews

White Background



This preview shows how the Hex color 762F31 looks on a white background.

Color Contrast Check

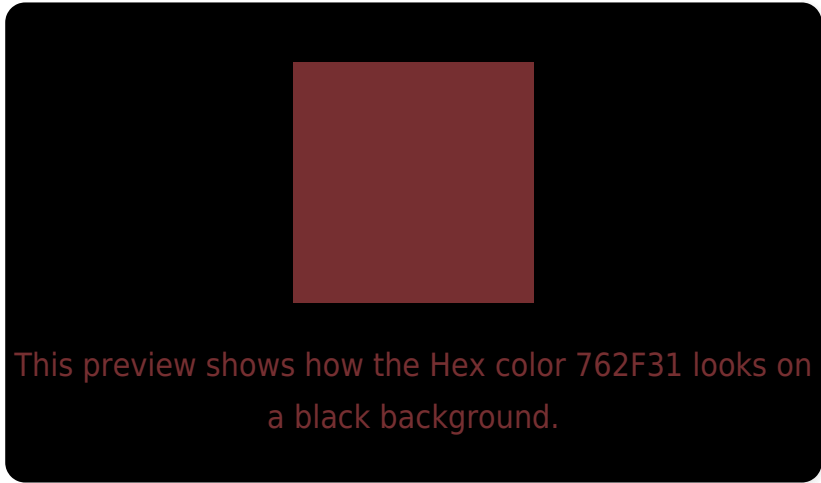
Large Text (above 18pt) WCAG AA ✓ Pass

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 762F31 Background



This preview shows how black text looks on a background with the Hex color 762F31.



This preview shows how white text looks on a background with the Hex color 762F31.

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
762F31

Protanopia
4B473B

Deuteranopia
55442E



Tritanopia
762F32

Trichromacy



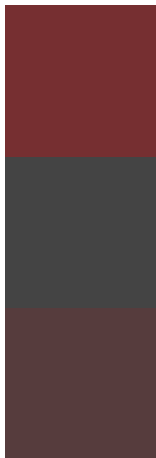
Original Color
762F31

Protanomaly
5B3E37

Deuteranomaly
613C2F

Tritanomaly
762F32

Monochromacy



Original Color
762F31

Achromatopsia
444444

Achromatomaly
563C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 762F31 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 #762F31 looks like.

```
.text, #text, p{  
    color:#762F31  
}
```

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 #762F31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762F31
}
```

Border

The CSS property to change the border of an element to Hex 762F31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

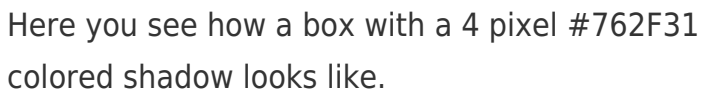
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#762F31 }
```

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

```
.border{ border-color:#762F31 }
```

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



Here you see how a box with a 4 pixel #762F31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762F31; -webkit-box-shadow:4px 4px  
4px 4px #762F31; box-shadow:4px 4px 4px  
4px #762F31 }
```

Background

The CSS property to change the background color of an element to Hex 762F31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762F31 }
```

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

```
.background{ background-color:#762F31 }
```

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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