

Converting Colors

Hex(630F38)

Have a look what the booklet for
Hex(630F38) contains.

Hex(630F38)	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(630F38)

Conversions

Conversions Part 1

Format	Color
Hex	630F38
RGB	99, 15, 56
RGB Percent	39%, 6%, 22%
CMY	0.6118, 0.9412, 0.7804
CMYK	0.00, 0.85, 0.43, 0.61
HSL	331°, 74%, 22%
HSV	331°, 85%, 39%
XYZ	6.0302, 3.2798, 4.0566
YIQ	44.7900, 36.9030, 30.5590

Conversions

Conversions Part 2

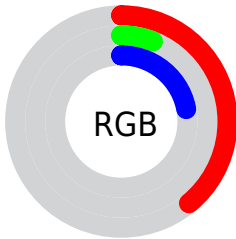
Format	Color
RYB	99, 15, 56
Decimal	6491960
CIELab	21.13, 39.37, -2.78
CIElCh	21, 39.469, 355.963
Yxy	3.2798, 0.4511, 0.2454
Android (android.graphics.Color)	4284682040 (0xFF630F38)
YUV	44.7900, 5.5265, 47.5422
Hunter-Lab	18.1103, 27.7426, -0.6035

Details

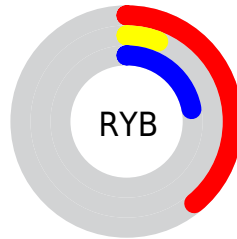
The Hex color **630F38** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0F633A**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **994467**, and **32000D** is the 20% darker color. If you saturate the color by 10%, you get **630533**, and if you desaturate by 10%, it is **63193D**.

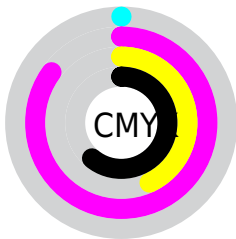
Distribution



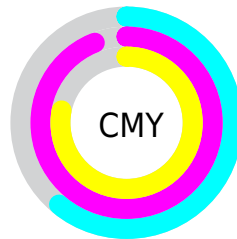
- Red (39%)
- Green (6%)
- Blue (22%)



- Red (39%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (85%)
- Yellow (43%)
- Black (61%)



- Cyan (61%)
- Magenta (94%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630F38 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 630F38 by changing the saturation by 10% instead.



630F38



630F38

FFFFFF



490023



994467



32000D



B55E80



030000



D2789A



000000



EF92B4



FFAED0



FFCAEC



FFE6FF



630F38



630F38

■ 630533

■ 63193D

■ 630030

■ 632342

■ 632D47

■ 63374C

■ 634151

■ 634A56

■ 63545B

■ 635E61

■ 636866

Harmonies

Analogous

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



511D54



630F38



64141B

Triad

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



630F38



283800



003D63

Complementary

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



630F38



0F633A

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.



003F4C



630F38



003D0F

Square

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



630F38



433000



003F2E



00386D

Rectangle

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



630F38



5D1E07



003F2E



003E5C

Sweetspot

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



630F38



80606F



390F63



402D36



BFBFBF



404040

Same Dimension

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



630F38



80003E



630F0F



302C2E



700037



F00075

Inverse Universe

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



630F38



80003E



0F6363



302C2E



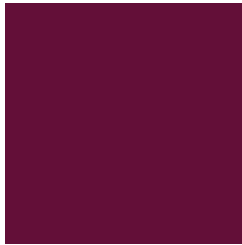
700037



F00075

Previews

White Background



This preview shows how the Hex color 630F38 looks on a white background.

Color Contrast Check

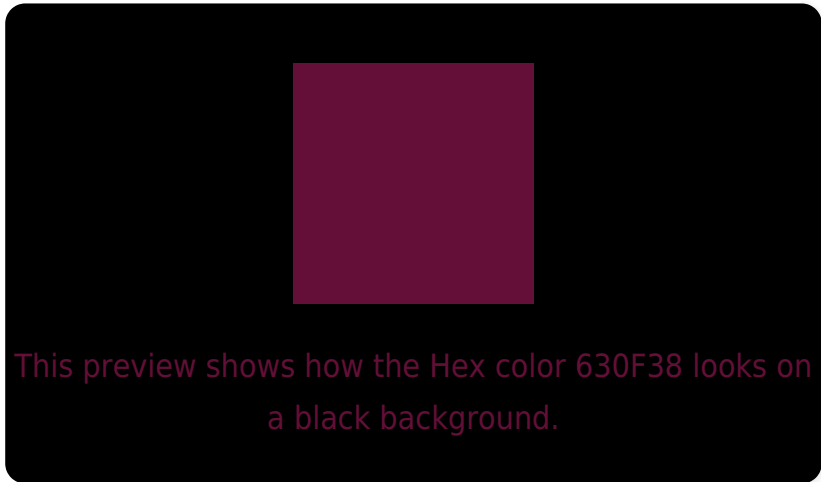
Large Text (above 18pt) WCAG AA ✓ Pass

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

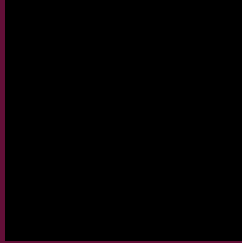
Any Text WCAG AA × Fail

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 630F38 Background



This preview shows how black text looks on a background with the Hex color 630F38.



This preview shows how white text looks on a background with the Hex color 630F38.

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
630F38

Protanopia
2D344E

Deuteranopia
3B3334



Tritanopia
61191A

Trichromacy



Original Color
630F38

Protanomaly
412746

Deuteranomaly
4A2635

Tritanomaly
621525

Monochromacy



Original Color
630F38

Achromatopsia
2D2D2D

Achromatomaly
412231

CSS Examples

Text

The CSS property to change the color of the text to Hex 630F38 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 #630F38 looks like.

```
.text, #text, p{  
    color:#630F38  
}
```

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 #630F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630F38
}
```

Border

The CSS property to change the border of an element to Hex 630F38 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".

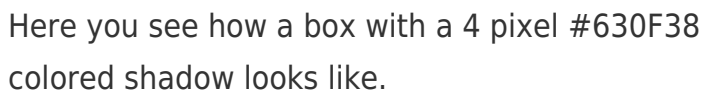
```
.border, #border, table{ border:4px solid
#630F38 }
```

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

```
.border{ border-color:#630F38 }
```

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

Here you see how a box with a 4 pixel #630F38 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #630F38 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630F38; -webkit-box-shadow:4px 4px  
4px 4px #630F38; box-shadow:4px 4px 4px  
4px #630F38 }
```

Background

The CSS property to change the background color of an element to Hex 630F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630F38 }
```

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

```
.background{ background-color:#630F38 }
```

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