

Converting Colors

Hex(630D34)

Have a look what the booklet for
Hex(630D34) contains.

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Color

Hex(630D34)

Conversions

Conversions Part 1

Format	Color
Hex	630D34
RGB	99, 13, 52
RGB Percent	39%, 5%, 20%
CMY	0.6118, 0.9490, 0.7961
CMYK	0.00, 0.87, 0.47, 0.61
HSL	333°, 77%, 22%
HSV	333°, 87%, 39%
XYZ	5.9093, 3.1884, 3.5528
YIQ	43.1600, 38.7370, 30.3610

Conversions

Conversions Part 2

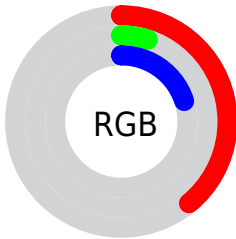
Format	Color
RYB	99, 13, 52
Decimal	6491444
CIELab	20.78, 39.53, -0.49
CIELCh	21, 39.533, 359.290
Yxy	3.1884, 0.4671, 0.2520
Android (android.graphics.Color)	4284681524 (0xFF630D34)
YUV	43.1600, 4.3581, 48.9717
Hunter-Lab	17.8562, 27.8247, 0.7026

Details

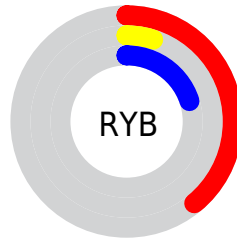
The Hex color **630D34** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D633C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **9A4362**, and **330006** is the 20% darker color. If you saturate the color by 10%, you get **63032F**, and if you desaturate by 10%, it is **631739**.

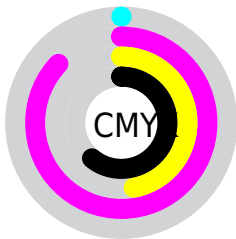
Distribution



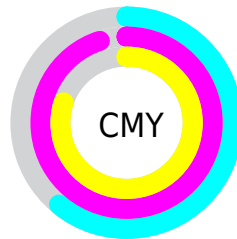
- Red (39%)
- Green (5%)
- Blue (20%)



- Red (39%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (47%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 630D34 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 630D34 by changing the saturation by 10% instead.

 630D34

 630D34

FFFFFF

 49001F

 9A4362

 330006

 B65C7B

 000000

 D37695

 F091AF

 FFACCB

 FFC8E7

 FFE5FF

 630D34

 630D34

■ 63032F

■ 631739

■ 63002D

■ 63213F

■ 632B44

■ 63354A

■ 633F4F

■ 634854

■ 63525A

■ 635C5F

■ 636665

Harmonies

Analogous

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



531A50



630D34



621518

Triad

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



630D34



233800



003C64

Complementary

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



630D34



0D633C

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.



003F4E



630D34



003D12

Square

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



630D34



3F3100



003E30



00366D

Rectangle

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



630D34



5A1F02



003E30



003D5E

Sweetspot

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



630D34



805E6D



3B0D63



402C35



BFBFBF



404040

Same Dimension

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



630D34



80003A



63100D



302C2E



700033



F0006D

Inverse Universe

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



630D34



80003A



0D6063



302C2E



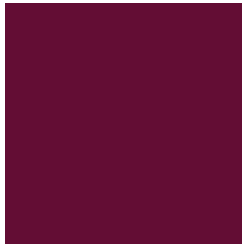
700033



F0006D

Previews

White Background



This preview shows how the Hex color 630D34 looks on a white background.

Color Contrast Check

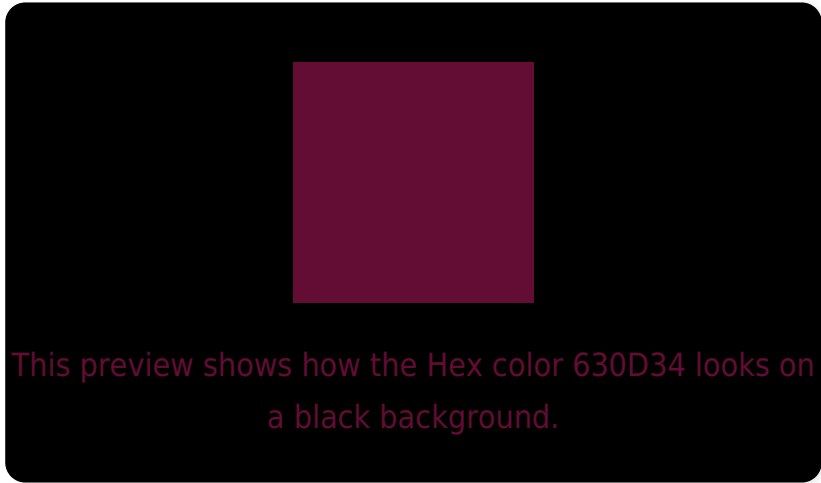
Large Text (above 18pt) WCAG AA ✓ Pass

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 630D34 Background



This preview shows how black text looks on a background with the Hex color 630D34.



This preview shows how white text looks on a background with the Hex color 630D34.

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
630D34

Protanopia
2E3449

Deuteranopia
3B3330



Tritanopia
621718

Trichromacy



Original Color
630D34

Protanomaly
412641

Deuteranomaly
4A2531

Tritanomaly
621322

Monochromacy



Original Color
630D34

Achromatopsia
2B2B2B

Achromatomaly
3F202E

CSS Examples

Text

The CSS property to change the color of the text to Hex 630D34 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 #630D34 looks like.

```
.text, #text, p{  
    color:#630D34  
}
```

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 #630D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630D34
}
```

Border

The CSS property to change the border of an element to Hex 630D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

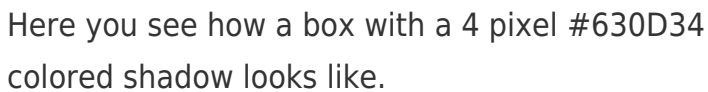
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630D34 }
```

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

```
.border{ border-color:#630D34 }
```

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



Here you see how a box with a 4 pixel #630D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630D34; -webkit-box-shadow:4px 4px  
4px 4px #630D34; box-shadow:4px 4px 4px  
4px #630D34 }
```

Background

The CSS property to change the background color of an element to Hex 630D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630D34 }
```

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

```
.background{ background-color:#630D34 }
```

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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