

# Converting Colors

Hex(612D30)

Have a look what the booklet for  
Hex(612D30) contains.

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# Color

**Hex(612D30)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	612D30
RGB	97, 45, 48
RGB Percent	38%, 18%, 19%
CMY	0.6196, 0.8235, 0.8118
CMYK	0.00, 0.54, 0.51, 0.62
HSL	357°, 37%, 28%
HSV	357°, 54%, 38%
XYZ	6.4017, 4.6316, 3.3529
YIQ	60.8900, 30.0290, 11.9570

# Conversions

## Conversions Part 2

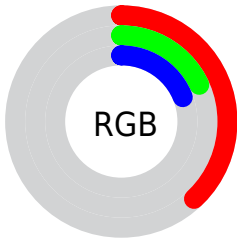
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 45, 48
Decimal	6368560
CIELab	25.66, 23.87, 9.14
CIELCh	26, 25.561, 20.944
Yxy	4.6316, 0.4450, 0.3219
Android (android.graphics.Color)	4284558640 (0xFF612D30)
YUV	60.8900, -6.3548, 31.6685
Hunter-Lab	21.5211, 15.4347, 5.8276

# Details

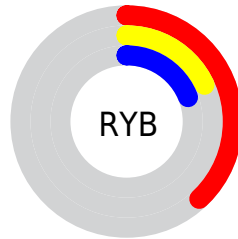
The Hex color **612D30** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2D615E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **965C5E**, and **300000** is the 20% darker color. If you saturate the color by 10%, you get **612327**, and if you desaturate by 10%, it is **613739**.

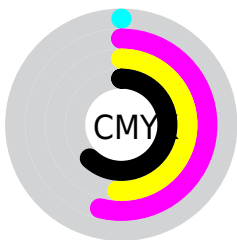
# Distribution



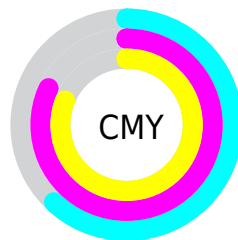
- Red (38%)
- Green (18%)
- Blue (19%)



- Red (38%)
- Yellow (18%)
- Blue (19%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (62%)



- Cyan (62%)
- Magenta (82%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 612D30 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 612D30 by changing the saturation by 10% instead.





612D30



612D30

FFFFFF



48171B



965C5E



300000



B27577



0D0000



CE8F90



000000



EBA AAB



FFC6C6



FFE2E2



FFFEFF



612D30



612D30

■ 612327

■ 613739

■ 611A1E

■ 614042

■ 611015

■ 614A4B

■ 61060B

■ 615455

■ 610006

■ 615E5E

■ 616767

■ 617170

■ 617B79

■ 618482

# Harmonies

## Analogous

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



5E2D43



612D30



5B321F

# Triad

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



612D30



244423



004163

# Complementary

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



612D30



2D615E

# 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.



00455A



612D30



004636

# Square

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



612D30



3B4017



00464A



343A61

# Rectangle

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



612D30



523718



00464A



004261



# Sweetspot

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



612D30



7D696A



5E2D61



403434



BFBFBF



404040



# Same Dimension

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



612D30



7D2D32



61442D



302C2C



700006



F0000E



# Inverse Universe

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



612D30



7D2D32



2D4A61



302C2C



700006

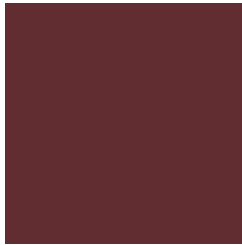


F0000E



# Previews

## White Background



This preview shows how the Hex color 612D30 looks on a white background.

## Color Contrast Check

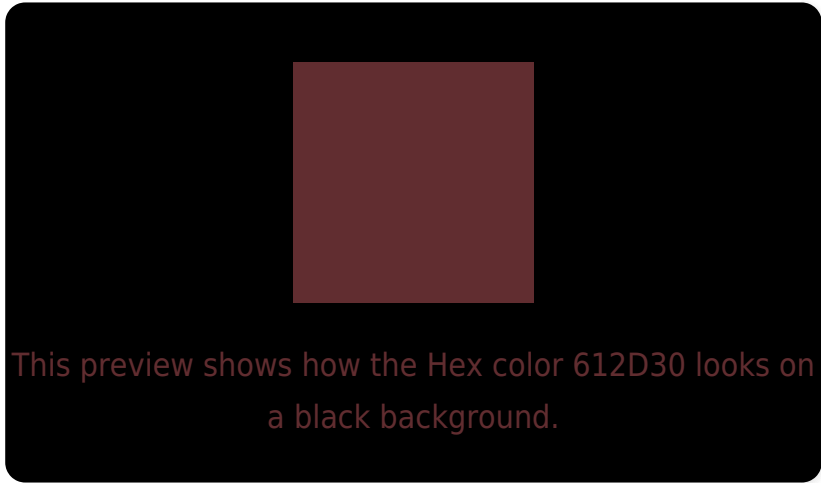
Large Text (above 18pt) WCAG AA ✓ Pass

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

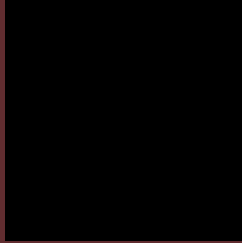
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 612D30 Background



This preview shows how black text looks on a background with the Hex color 612D30.



This preview shows how white text looks on a background with the Hex color 612D30.

# 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**  
612D30

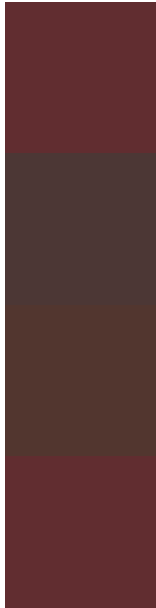
**Protanopia**  
403D38

**Deuteranopia**  
493B2E



**Tritanopia**  
612D30

# Trichromacy



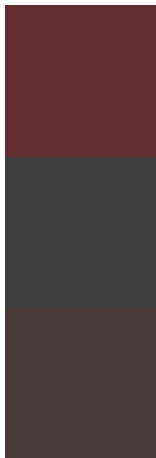
**Original Color**  
612D30

**Protanomaly**  
4C3735

**Deuteranomaly**  
52362F

**Tritanomaly**  
612D30

# Monochromacy



**Original Color**  
612D30

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4A3738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 612D30 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 #612D30 looks like.

```
.text, #text, p{  
    color:#612D30  
}
```

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 #612D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612D30
}
```

## Border

The CSS property to change the border of an element to Hex 612D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

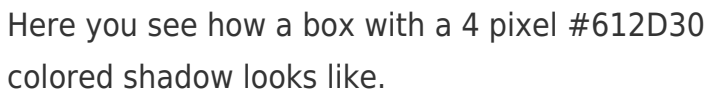
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#612D30 }
```

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

```
.border{ border-color:#612D30 }
```

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



Here you see how a box with a 4 pixel #612D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612D30; -webkit-box-shadow:4px 4px  
4px 4px #612D30; box-shadow:4px 4px 4px  
4px #612D30 }
```

# Background

The CSS property to change the background color of an element to Hex 612D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612D30 }
```

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

```
.background{ background-color:#612D30 }
```

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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