

# Converting Colors

Hex(602E49)

Have a look what the booklet for  
Hex(602E49) contains.

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# Color

**Hex(602E49)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 602E49                    |
| RGB           | 96, 46, 73                |
| RGB Percent   | 38%, 18%, 29%             |
| CMY           | 0.6235, 0.8196, 0.7137    |
| CMYK          | 0.00, 0.52, 0.24, 0.62    |
| HSL           | 328°, 35%, 28%            |
| HSV           | 328°, 52%, 38%            |
| XYZ           | 7.0035, 4.9218, 6.8842    |
| YIQ           | 64.0280, 21.1330, 18.9970 |

# Conversions

## Conversions Part 2

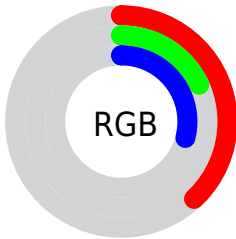
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>RYB</b>                          | 96, 46, 73                   |
| Decimal                             | 6303305                      |
| CIELab                              | 26.51, 26.38, -6.38          |
| CIElCh                              | 27, 27.142, 346.402          |
| Yxy                                 | 4.9218, 0.3723,<br>0.2617    |
| Android<br>(android.graphics.Color) | 4284493385<br>(0xFF602E49)   |
| YUV                                 | 64.0280, 4.4232,<br>28.0394  |
| Hunter-Lab                          | 22.1852, 17.5251,<br>-2.8685 |

# Details

The Hex color **602E49** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E6045**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **945E7A**, and **2F011D** is the 20% darker color. If you saturate the color by 10%, you get **602445**, and if you desaturate by 10%, it is **60384D**.

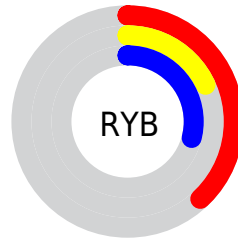
# Distribution



Red (38%)

Green (18%)

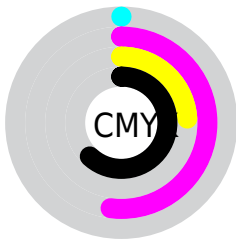
Blue (29%)



Red (38%)

Yellow (18%)

Blue (29%)

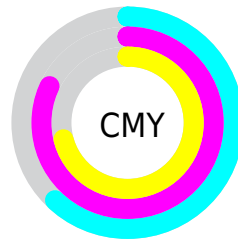


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (62%)



Cyan (62%)

Magenta (82%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 602E49 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 602E49 by changing the saturation by 10% instead.



 602E49

 602E49

FFFFFF

 471732

 945E7A

 2F011D

 AF7793

 170001

 CB91AE

 000000

 E8ACC9

 FFC7E5

 FFE4FF

 602E49

 602E49

 602445

 60384D

601B40

604152

60113C

604B56

600837

60545B

600034

605E5F

606863

607168

607B6C

608471

# Harmonies

## Analogous

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



4F355B



602E49



652D34

# Triad

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



602E49



404115



00485C

# Complementary

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



602E49



2E6045

# 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.



00494A



602E49



284621

# Square

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



602E49



523A15



004834



004467

# Rectangle

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



602E49



633027



004834



004857



# Sweetspot

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



602E49



7D6974



452E60



40343A



BFBFBF



404040



# Same Dimension

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



602E49



7D2E59



602E30



302C2E



70003D



F00081



# Inverse Universe

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



602E49



7D2E59



2E605D



302C2E



70003D

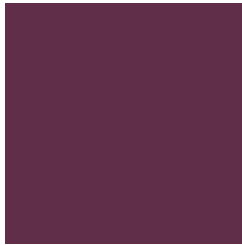


F00081



# Previews

## White Background



This preview shows how the Hex color 602E49 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

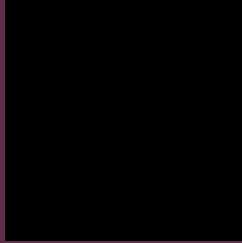
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 602E49 Background



This preview shows how black text looks on a background with the Hex color 602E49.



This preview shows how white text looks on a background with the Hex color 602E49.

# 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**  
602E49

**Protanopia**  
393F54

**Deuteranopia**  
423E46



**Tritanopia**  
5E3236

# Trichromacy



**Original Color**

602E49

**Protanomaly**

473950

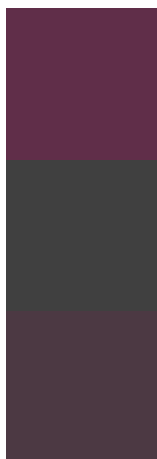
**Deuteranomaly**

4D3847

**Tritanomaly**

5F313D

# Monochromacy



**Original Color**

602E49

**Achromatopsia**

404040

**Achromatomaly**

4C3943

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 602E49 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 #602E49 looks like.

```
.text, #text, p{  
    color:#602E49  
}
```

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 #602E49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602E49
}
```

## Border

The CSS property to change the border of an element to Hex 602E49 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
#602E49 }
```

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

```
.border{ border-color:#602E49 }
```

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

Here you see how a box with a 4 pixel #602E49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602E49; -webkit-box-shadow:4px 4px  
4px 4px #602E49; box-shadow:4px 4px 4px  
4px #602E49 }
```

# Background

The CSS property to change the background color of an element to Hex 602E49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602E49 }
```

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

```
.background{ background-color:#602E49 }
```

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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