

Converting Colors

Hex(602326)

Have a look what the booklet for
Hex(602326) contains.

Hex(602326)	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(602326)

Conversions

Conversions Part 1

Format	Color
Hex	602326
RGB	96, 35, 38
RGB Percent	38%, 14%, 15%
CMY	0.6235, 0.8627, 0.8510
CMYK	0.00, 0.64, 0.60, 0.62
HSL	357°, 47%, 26%
HSV	357°, 64%, 38%
XYZ	5.7748, 3.8288, 2.2684
YIQ	53.5810, 35.3930, 13.8650

Conversions

Conversions Part 2

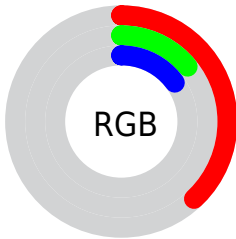
Format	Color
R_{YB}	96, 35, 38
Decimal	6300454
CIE _{Lab}	23.10, 28.04, 12.38
CIE _{LCh}	23, 30.651, 23.816
Yxy	3.8288, 0.4864, 0.3225
Android (android.graphics.Color)	4284490534 (0xFF602326)
YUV	53.5810, -7.6814, 37.2015
Hunter-Lab	19.5673, 18.4365, 6.8238

Details

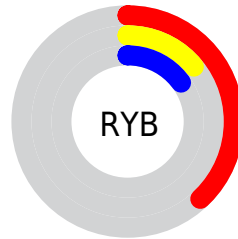
The Hex color **602326** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23605D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **965353**, and **2E0000** is the 20% darker color. If you saturate the color by 10%, you get **60191D**, and if you desaturate by 10%, it is **602D2F**.

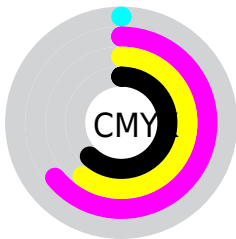
Distribution



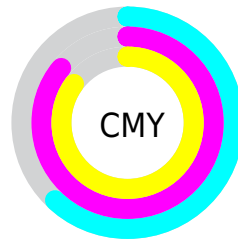
- Red (38%)
- Green (14%)
- Blue (15%)



- Red (38%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (64%)
- Yellow (60%)
- Black (62%)



- Cyan (62%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 602326 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 602326 by changing the saturation by 10% instead.

 602326

 602326

FFFFFF

 460B12

 965353

 2E0000

 B26B6B

 000000

 CF8584

 ECA09E

 FFBBB9

 FFD7D5

 FFF4F1

 602326

 602326

■ 60191D

■ 602D2F

■ 601014

■ 603638

■ 60060B

■ 604041

■ 600005

■ 60494B

■ 605354

■ 605D5D

■ 606666

■ 60706F

■ 607978

Harmonies

Analogous

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



5E223D



602326



572B12

Triad

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



602326



12401B



003B65

Complementary

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



602326



23605D

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.



00405C



602326



004231

Square

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



602326



313B08



004249



2F3361

Rectangle

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



602326



4D3107



004249



003D63

Sweetspot

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



602326



7D6566



5D2360



403132



BFBFBF



404040

Same Dimension

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



602326



7D1E23



603E23



302C2C



700006



F0000C

Inverse Universe

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



602326



7D1E23



234560



302C2C



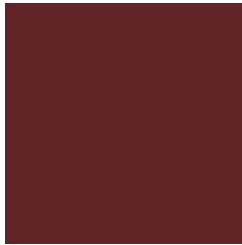
700006



F0000C

Previews

White Background



This preview shows how the Hex color 602326 looks on a white background.

Color Contrast Check

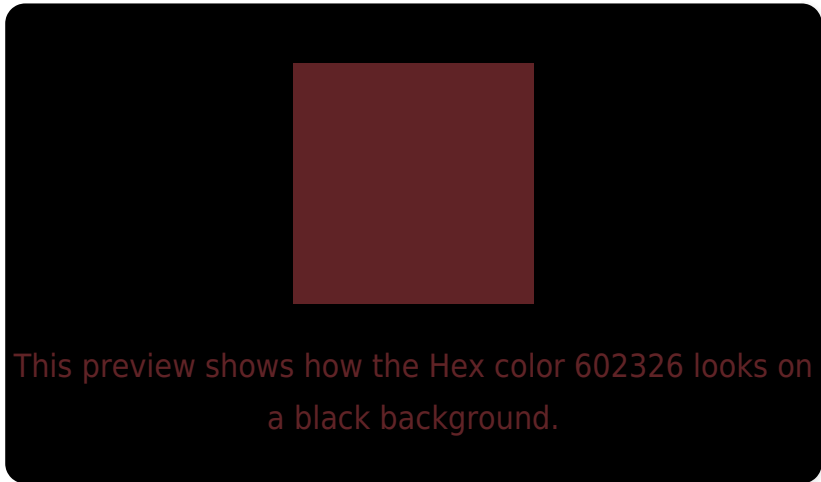
Large Text (above 18pt) WCAG AA ✓ Pass

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

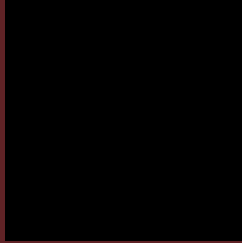
Any Text WCAG AA × Fail

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 602326 Background



This preview shows how black text looks on a background with the Hex color 602326.



This preview shows how white text looks on a background with the Hex color 602326.

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
602326

Protanopia
3B382F

Deuteranopia
443623

Trichromacy



Original Color
602326

Protanomaly
48302C

Deuteranomaly
4E2F24

Tritanomaly
602325

Monochromacy



Original Color
602326

Achromatopsia
363636

Achromatomaly
452F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 602326 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 #602326 looks like.

```
.text, #text, p{  
    color:#602326  
}
```

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 #602326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #602326
}
```

Border

The CSS property to change the border of an element to Hex 602326 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".

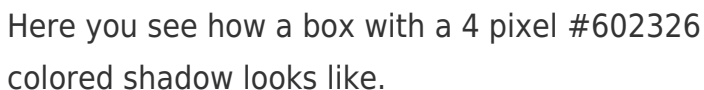
```
.border, #border, table{ border:4px solid
#602326 }
```

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

```
.border{ border-color:#602326 }
```

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

Here you see how a box with a 4 pixel #602326 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #602326; -webkit-box-shadow:4px 4px  
4px 4px #602326; box-shadow:4px 4px 4px  
4px #602326 }
```

Background

The CSS property to change the background color of an element to Hex 602326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#602326 }
```

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

```
.background{ background-color:#602326 }
```

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