

Converting Colors

Hex(2A3622)

Have a look what the booklet for
Hex(2A3622) contains.

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Color

Hex(2A3622)

Conversions

Conversions Part 1

Format	Color
Hex	2A3622
RGB	42, 54, 34
RGB Percent	16%, 21%, 13%
CMY	0.8353, 0.7882, 0.8667
CMYK	0.22, 0.00, 0.37, 0.79
HSL	96°, 23%, 17%
HSV	96°, 37%, 21%
XYZ	2.5627, 3.2461, 2.0049
YIQ	48.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

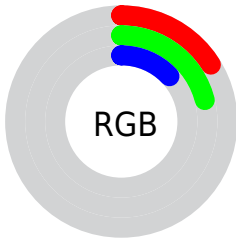
Format	Color
RYB	34, 54, 46
Decimal	2766370
CIELab	21.00, -9.57, 10.99
CIELCh	21, 14.568, 131.049
Yxy	3.2461, 0.3280, 0.4154
Android (android.graphics.Color)	4280956450 (0xFF2A3622)
YUV	48.1320, -6.9671, -5.3778
Hunter-Lab	18.0168, -6.1394, 6.0142

Details

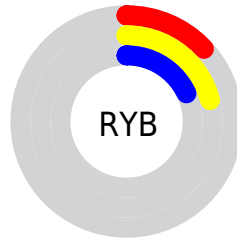
The Hex color **2A3622** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E2236**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **58654E**, and **000700** is the 20% darker color. If you saturate the color by 10%, you get **27361D**, and if you desaturate by 10%, it is **2D3627**.

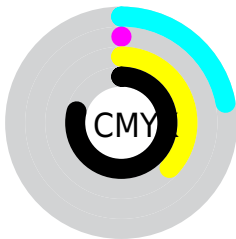
Distribution



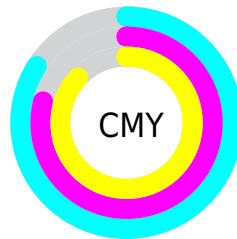
- Red (16%)
- Green (21%)
- Blue (13%)



- Red (13%)
- Yellow (21%)
- Blue (18%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (79%)



- Cyan (84%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3622 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 2A3622 by changing the saturation by 10% instead.

■ 2A3622

■ 2A3622

FFFFFF

■ 16210C

■ 58654E

■ 000700

■ 707E67

■ 000000

■ 8A9880

■ A4B29A

■ BFCEB4

■ DBEAD0

■ F8FFEC

■ 2A3622

■ 2A3622

■ 27361D

■ 2D3627

■ 243617

■ 30362D

■ 203612

■ 343632

■ 1D360C

■ 373638

■ 1A3607

■ 3A363D

■ 173602

■ 3D3642

■ 163600

■ 413648

■ 44364D

■ 473653

Harmonies

Analogous

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



36331D



2A3622



1D382B

Triad

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



2A3622



193546



482A2F

Complementary

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



2A3622



2E2236

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.



432B3A



2A3622



2A3247

Square

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



2A3622



0D3840



392E43



462C25

Rectangle

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



2A3622



153832



392E43



472A33

Sweetspot

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



2A3622



434740



362E22



21241F



A3A3A3



242424

Same Dimension

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



2A3622



354728



223624



1A1C19



255C00



58DB00

Inverse Universe

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



2E2236



3B2847



362234



1B191C



37005C



8400DB

Previews

White Background



This preview shows how the Hex color 2A3622 looks on a white background.

Color Contrast Check

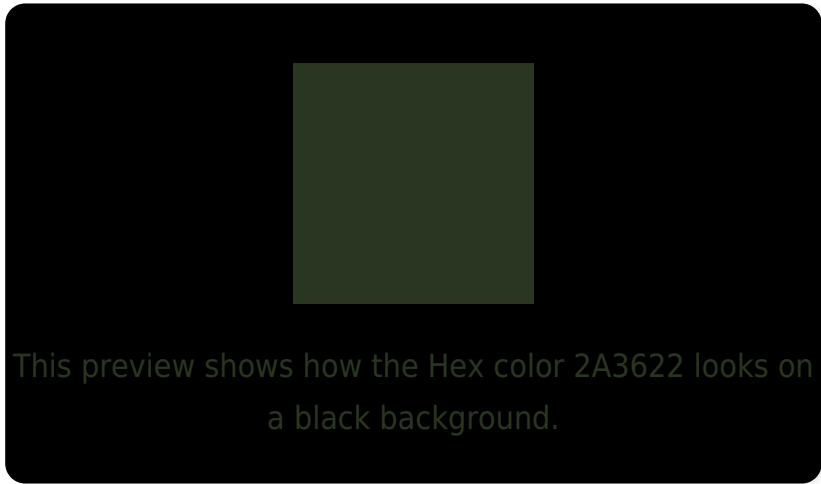
Large Text (above 18pt) WCAG AA ✓ Pass

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

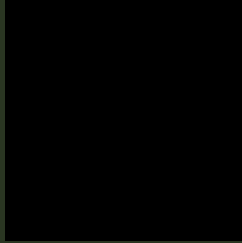
Any Text WCAG AA × Fail

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 2A3622 Background



This preview shows how black text looks on a background with the Hex color 2A3622.



This preview shows how white text looks on a background with the Hex color 2A3622.

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

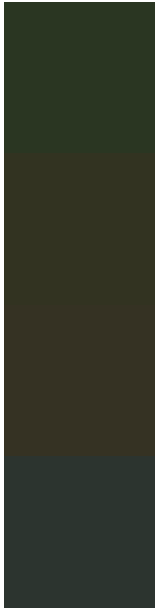


Original Color
2A3622

Protanopia
373221

Deuteranopia
3C3023

Trichromacy



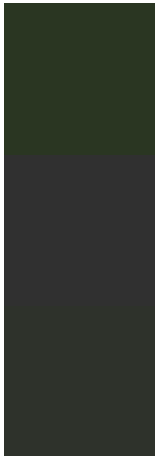
Original Color
2A3622

Protanomaly
323321

Deuteranomaly
353223

Tritanomaly
2C342F

Monochromacy



Original Color
2A3622

Achromatopsia
303030

Achromatomaly
2E322B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3622 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 #2A3622 looks like.

```
.text, #text, p{  
    color:#2A3622  
}
```

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 #2A3622 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3622
}
```

Border

The CSS property to change the border of an element to Hex 2A3622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

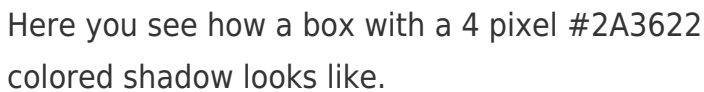
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3622 }
```

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

```
.border{ border-color:#2A3622 }
```

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



Here you see how a box with a 4 pixel #2A3622 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3622; -webkit-box-shadow:4px 4px  
4px 4px #2A3622; box-shadow:4px 4px 4px  
4px #2A3622 }
```

Background

The CSS property to change the background color of an element to Hex 2A3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3622 }
```

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

```
.background{ background-color:#2A3622 }
```

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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