

Converting Colors

Hex(3A2531)

Have a look what the booklet for
Hex(3A2531) contains.

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Color

Hex(3A2531)

Conversions

Conversions Part 1

Format	Color
Hex	3A2531
RGB	58, 37, 49
RGB Percent	23%, 15%, 19%
CMY	0.7725, 0.8549, 0.8078
CMYK	0.00, 0.36, 0.16, 0.77
HSL	326°, 22%, 19%
HSV	326°, 36%, 23%
XYZ	2.9609, 2.4444, 3.2215
YIQ	44.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

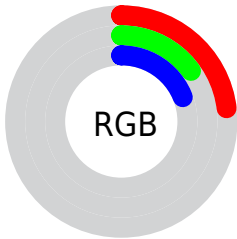
Format	Color
R_{YB}	58, 37, 49
Decimal	3810609
CIE _{Lab}	17.67, 12.22, -3.81
CIE _{LCh}	18, 12.797, 342.659
Yxy	2.4444, 0.3432, 0.2834
Android (android.graphics.Color)	4282000689 (0xFF3A2531)
YUV	44.6470, 2.1460, 11.7106
Hunter-Lab	15.6347, 6.4434, -1.2723

Details

The Hex color **3A2531** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **253A2E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6A525F**, and **060000** is the 20% darker color. If you saturate the color by 10%, you get **3A1F2F**, and if you desaturate by 10%, it is **3A2B33**.

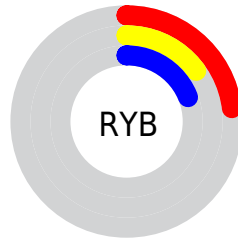
Distribution



Red (23%)

Green (15%)

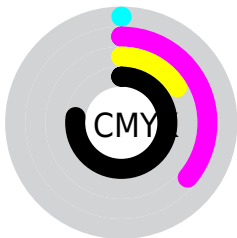
Blue (19%)



Red (23%)

Yellow (15%)

Blue (19%)

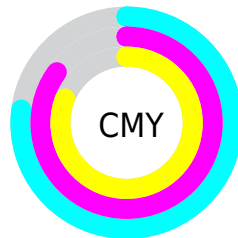


Cyan (0%)

Magenta (36%)

Yellow (16%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2531 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 3A2531 by changing the saturation by 10% instead.

■ 3A2531

■ 3A2531

FFFFFF

■ 24111C

■ 6A525F

■ 060000

■ 836A78

■ 000000

■ 9D8491

■ B89EAC

■ D4B9C7

■ F0D4E3

■ FFF1FF

■ 3A2531

■ 3A2531

■ 3A1F2F

■ 3A2B33

■ 3A192C

■ 3A3136

■ 3A142A

■ 3A3638

■ 3A0E27

■ 3A3C3B

■ 3A0825

■ 3A423D

■ 3A0222

■ 3A4840

■ 3A0021

■ 3A4E42

■ 3A5345

■ 3A5947

Harmonies

Analogous

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



312839



3A2531



3E2428

Triad

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



3A2531



2E2C19



0C3037

Complementary

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



3A2531



253A2E

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.



0F302F



3A2531



232E1E

Square

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



3A2531



36291A



193026



172E3D

Rectangle

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



3A2531



3D2522



193026



0C3035

Sweetspot

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



3A2531



4D4449



2E253A



262124



A6A6A6



262626

Same Dimension

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



3A2531



4D2C3E



3A2527



1C191B



5C0034



DB007D

Inverse Universe

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



3A2531



4D2C3E



253A38



1C191B



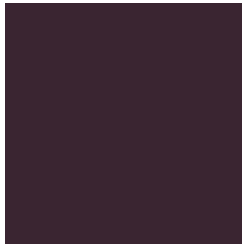
5C0034



DB007D

Previews

White Background



This preview shows how the Hex color 3A2531 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

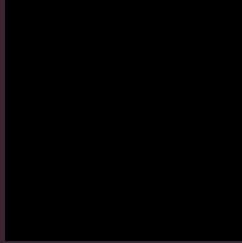
Any Text WCAG AA × Fail

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 3A2531 Background



This preview shows how black text looks on a background with the Hex color 3A2531.



This preview shows how white text looks on a background with the Hex color 3A2531.

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](#).

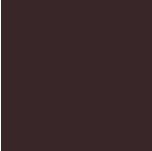
Dichromacy



Original Color
3A2531

Protanopia
292B35

Deuteranopia
2E2A30



Tritanopia
392629

Trichromacy



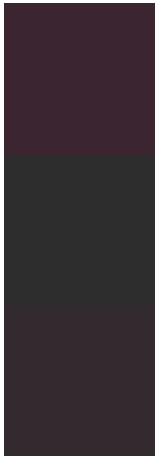
Original Color
3A2531

Protanomaly
2F2934

Deuteranomaly
322830

Tritanomaly
39262C

Monochromacy



Original Color
3A2531

Achromatopsia
2D2D2D

Achromatomaly
322A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2531 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 #3A2531 looks like.

```
.text, #text, p{  
    color:#3A2531  
}
```

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 #3A2531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2531
}
```

Border

The CSS property to change the border of an element to Hex 3A2531 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
#3A2531 }
```

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

```
.border{ border-color:#3A2531 }
```

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

Here you see how a box with a 4 pixel #3A2531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2531; -webkit-box-shadow:4px 4px  
4px 4px #3A2531; box-shadow:4px 4px 4px  
4px #3A2531 }
```

Background

The CSS property to change the background color of an element to Hex 3A2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2531 }
```

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

```
.background{ background-color:#3A2531 }
```

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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