

Converting Colors

Hex(310524)

Have a look what the booklet for
Hex(310524) contains.

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Color

Hex(310524)

Conversions

Conversions Part 1

Format	Color
Hex	310524
RGB	49, 5, 36
RGB Percent	19%, 2%, 14%
CMY	0.8078, 0.9804, 0.8588
CMYK	0.00, 0.90, 0.27, 0.81
HSL	318°, 81%, 11%
HSV	318°, 90%, 19%
XYZ	1.6393, 0.8889, 1.7542
YIQ	21.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

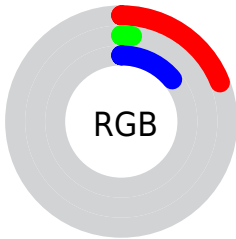
Format	Color
R_{YB}	49, 5, 36
Decimal	3212580
CIE Lab	8.03, 25.61, -9.08
CIE LCh	8, 27.174, 340.472
Yxy	0.8889, 0.3828, 0.2076
Android (android.graphics.Color)	4281402660 (0xFF310524)
YUV	21.6900, 7.0548, 23.9509
Hunter-Lab	9.4281, 14.5381, -4.4322




Details

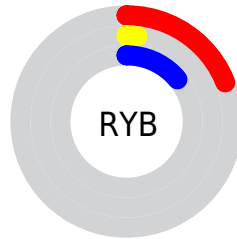
The Hex color **310524** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **053112**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **613251**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **310023**, and if you desaturate by 10%, it is **310A25**.

Distribution







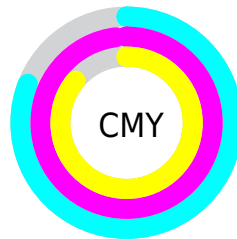
-  Red (19%)
-  Green (2%)
-  Blue (14%)






-  Red (19%)
-  Yellow (2%)
-  Blue (14%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (27%)
-  Black (81%)




-  Cyan (81%)
-  Magenta (98%)
-  Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 310524 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 310524 by changing the saturation by 10% instead.

 310524

 310524

 FFE9FF

 1C000E

 613251

 000000

 7B4A69

 956282

 B07C9C

 CC96B7

 E9B1D2

 FFCCEF

 310524

 310524

■ 310023

■ 310A25

■ 310F27

■ 311428

■ 31192A

■ 311E2B

■ 31222D

■ 31272E

■ 312C30

■ 313131

Harmonies

Analogous

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



1F0F33



310524



370211

Triad

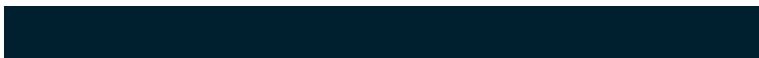
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



310524



191900



00202F

Complementary

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



310524



053112

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.



00211E



310524



001E00

Square

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



310524



281200



002006



001D3A

Rectangle

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



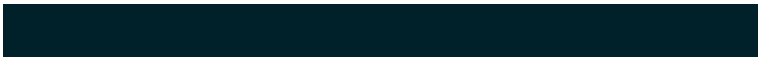
310524



360500



002006



002129

Sweetspot

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



310524



402F3B



110531



21171E



A1A1A1



212121

Same Dimension

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



310524



40002D



31050F



1A1719



59003F



D90099

Inverse Universe

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



310524



40002D



053127



1A1719



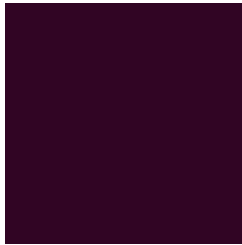
59003F



D90099

Previews

White Background



This preview shows how the Hex color 310524 looks on a white background.

Color Contrast Check

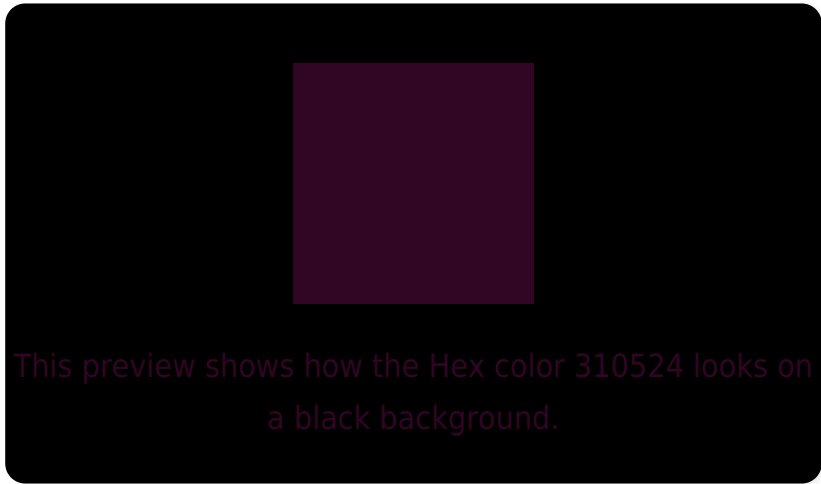
Large Text (above 18pt) WCAG AA ✓ Pass

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

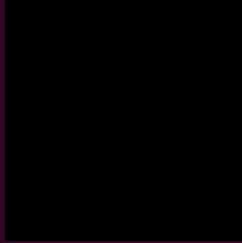
Any Text WCAG AA × Fail

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 310524 Background



This preview shows how black text looks on a background with the Hex color 310524.



This preview shows how white text looks on a background with the Hex color 310524.

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](#).

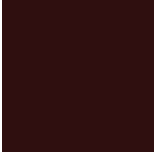
Dichromacy



Original Color
310524

Protanopia
0D1A33

Deuteranopia
1A1A22



Trichromacy



Original Color
310524

Protanomaly
1A122E

Deuteranomaly
221223

Tritanomaly
300B17

Monochromacy



Original Color
310524

Achromatopsia
161616

Achromatomaly
20101B

CSS Examples

Text

The CSS property to change the color of the text to Hex 310524 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 #310524 looks like.

```
.text, #text, p{  
    color:#310524  
}
```

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 #310524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #310524
}
```

Border

The CSS property to change the border of an element to Hex 310524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

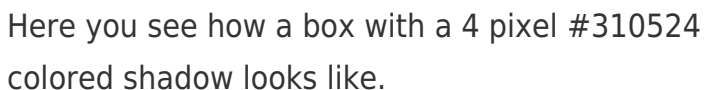
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#310524 }
```

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

```
.border{ border-color:#310524 }
```

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



Here you see how a box with a 4 pixel #310524 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #310524; -webkit-box-shadow:4px 4px  
4px 4px #310524; box-shadow:4px 4px 4px  
4px #310524 }
```

Background

The CSS property to change the background color of an element to Hex 310524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#310524 }
```

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

```
.background{ background-color:#310524 }
```

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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