

Converting Colors

Hex(304F10)

Have a look what the booklet for
Hex(304F10) contains.

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Color

Hex(304F10)

Conversions

Conversions Part 1

Format	Color
Hex	304F10
RGB	48, 79, 16
RGB Percent	19%, 31%, 6%
CMY	0.8118, 0.6902, 0.9373
CMYK	0.39, 0.00, 0.80, 0.69
HSL	90°, 66%, 19%
HSV	90°, 80%, 31%
XYZ	4.1084, 6.2578, 1.4815
YIQ	62.5490, 1.7470, -26.1650

Conversions

Conversions Part 2

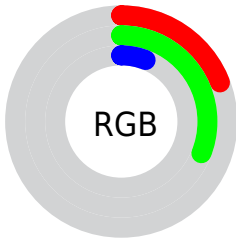
Format	Color
R_{YB}	16, 79, 47
Decimal	3165968
CIE _{Lab}	30.05, -23.03, 31.66
CIE _{LCh}	30, 39.148, 126.039
Yxy	6.2578, 0.3468, 0.5282
Android (android.graphics.Color)	4281356048 (0xFF304F10)
YUV	62.5490, -22.9487, -12.7595
Hunter-Lab	25.0155, -14.4611, 13.9994

Details

The Hex color **304F10** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **2F104F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **61803F**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **2C4F08**, and if you desaturate by 10%, it is **344F18**.

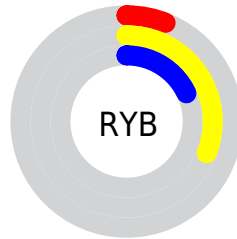
Distribution



Red (19%)

Green (31%)

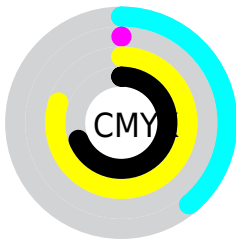
Blue (6%)



Red (6%)

Yellow (31%)

Blue (18%)

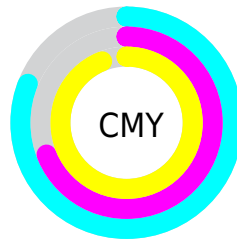


Cyan (39%)

Magenta (0%)

Yellow (80%)

Black (69%)



Cyan (81%)

Magenta (69%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 304F10 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 304F10 by changing the saturation by 10% instead.

 304F10

 304F10

 FFFFF9

 193800

 61803F

 002300

 7B9B57

 000000

 95B570

 B1D18A

 CCEDA5

 E9FFC0

 FFFFDC

 304F10

 304F10

■ 2C4F08

■ 344F18

■ 284F00

■ 384F20

■ 3C4F28

■ 404F30

■ 434F38

■ 474F3F

■ 4B4F47

■ 4F4F4F

■ 534F57

Harmonies

Analogous

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



504700



304F10



00532D

Triad

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



304F10



00507E



7D2842

Complementary

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



304F10



2F104F

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.



702E60



304F10



004884

Square

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



304F10



00546A



4F3C78



792F25

Rectangle

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



304F10



005542



4F3C78



7B294C

Sweetspot

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



304F10



5A664E



4F2E10



2C3324



B3B3B3



333333

Same Dimension

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



304F10



366604



114F10



242622



346600



75E600

Inverse Universe

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



2F104F



340466



4E104F



242226



320066



7100E6

Previews

White Background



This preview shows how the Hex color 304F10 looks on a white background.

Color Contrast Check

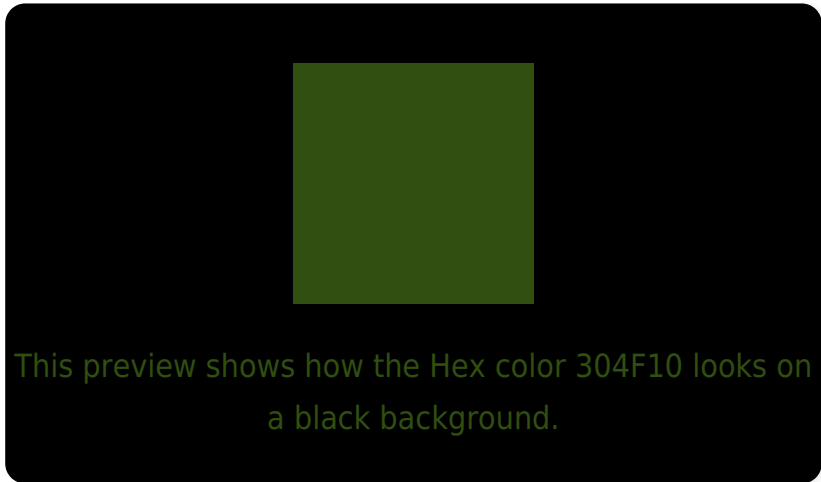
Large Text (above 18pt) WCAG AA ✓ Pass

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

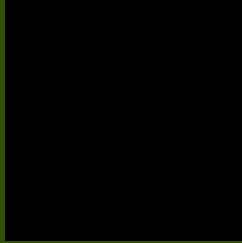
Any Text WCAG AA × Fail

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 304F10 Background



This preview shows how black text looks on a background with the Hex color 304F10.



This preview shows how white text looks on a background with the Hex color 304F10.

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
304F10

Protanopia
50470E

Deuteranopia
594316



Tritanopia
394A4F

Trichromacy



Original Color
304F10

Protanomaly
444A0F

Deuteranomaly
4A4714

Tritanomaly
364C38

Monochromacy



Original Color
304F10

Achromatopsia
3F3F3F

Achromatomaly
3A452E

CSS Examples

Text

The CSS property to change the color of the text to Hex 304F10 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 #304F10 looks like.

```
.text, #text, p{  
    color:#304F10  
}
```

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 #304F10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #304F10
}
```

Border

The CSS property to change the border of an element to Hex 304F10 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
#304F10 }
```

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

```
.border{ border-color:#304F10 }
```

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

Here you see how a box with a 4 pixel #304F10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #304F10; -webkit-box-shadow:4px 4px  
4px 4px #304F10; box-shadow:4px 4px 4px  
4px #304F10 }
```

Background

The CSS property to change the background color of an element to Hex 304F10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#304F10 }
```

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

```
.background{ background-color:#304F10 }
```

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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