

Converting Colors

Hex(31064D)

Have a look what the booklet for
Hex(31064D) contains.

| | |
|--|----|
| Hex(31064D) | 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(31064D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 31064D |
| RGB | 49, 6, 77 |
| RGB Percent | 19%, 2%, 30% |
| CMY | 0.8078, 0.9765, 0.6980 |
| CMYK | 0.36, 0.92, 0.00, 0.70 |
| HSL | 276°, 86%, 16% |
| HSV | 276°, 92%, 30% |
| XYZ | 2.6713, 1.3190, 7.1350 |
| YIQ | 26.9510, 2.8370, 31.1970 |

Conversions

Conversions Part 2

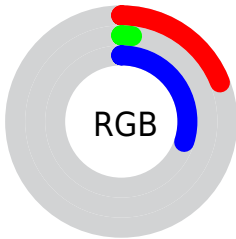
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 49, 6, 77 |
| Decimal | 3212877 |
| CIE Lab | 11.41, 33.88, -33.38 |
| CIE LCh | 11, 47.560, 315.430 |
| Yxy | 1.3190, 0.2401, 0.1186 |
| Android (android.graphics.Color) | 4281402957 (0xFF31064D) |
| YUV | 26.9510, 24.6742, 19.3370 |
| Hunter-Lab | 11.4849, 21.4190, -28.7943 |

Details

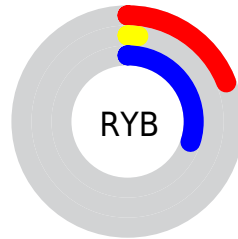
The Hex color **31064D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **224D06**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **63367F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **2F004D**, and if you desaturate by 10%, it is **340E4D**.

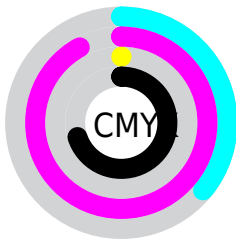
Distribution



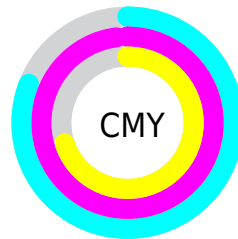
- Red (19%)
- Green (2%)
- Blue (30%)



- Red (19%)
- Yellow (2%)
- Blue (30%)



- Cyan (36%)
- Magenta (92%)
- Yellow (0%)
- Black (70%)




- Cyan (81%)
- Magenta (98%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31064D 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 31064D by changing the saturation by 10% instead.

 31064D

 31064D

 FFEFFF

 1D0036

 63367F

 000220

 7D4E99

 000003

 9867B4


 000000

 B381D0

 CF9BEC

 ECB6FF

 FFD2FF

 31064D

 31064D

■ 2F004D

■ 340E4D

■ 37154D

■ 3A1D4D

■ 3D254D

■ 402D4D

■ 43344D

■ 463C4D

■ 49444D

■ 4C4B4D

Harmonies

Analogous

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



001E5F



31064D



4D0030

Triad

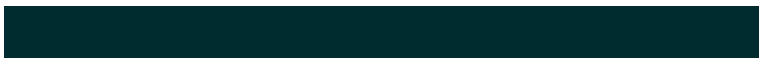
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



31064D



341700



002C2F

Complementary

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



31064D



224D06

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.



002B0A



31064D



172200

Square

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



31064D



480000



002800



002B4D

Rectangle

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



31064D



53001A



002800



002C24

Sweetspot

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



31064D



584863



06224D



2C2233



B3B3B3



333333

Same Dimension

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



31064D



3C0063



4D0646



252226



3E0066



8B00E6

Inverse Universe

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



4D0622



630027



064D0D



262224



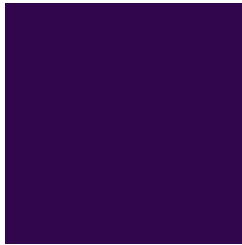
660028



E6005B

Previews

White Background



This preview shows how the Hex color 31064D looks on a white background.

Color Contrast Check

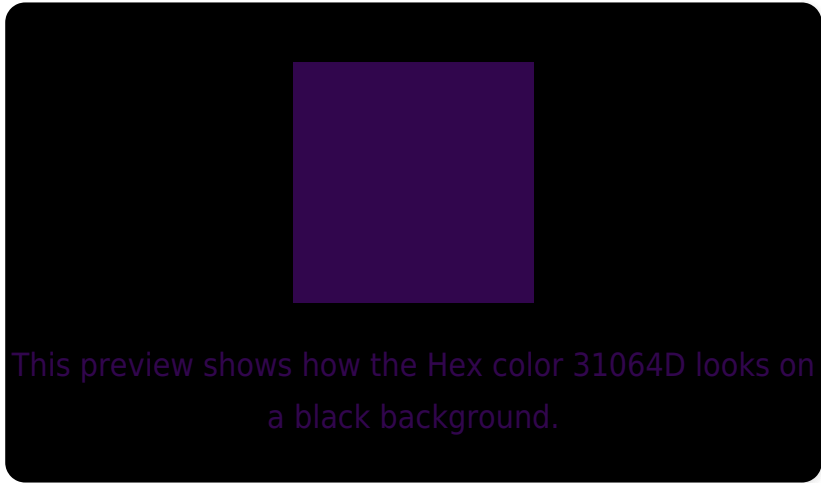
Large Text (above 18pt) WCAG AA ✓ Pass

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

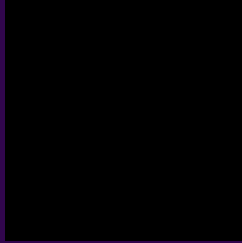
Any Text WCAG AA × Fail

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 31064D Background



This preview shows how black text looks on a background with the Hex color 31064D.



This preview shows how white text looks on a background with the Hex color 31064D.

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
31064D

Protanopia
002043

Deuteranopia
00223A



Tritanopia
281E21

Trichromacy



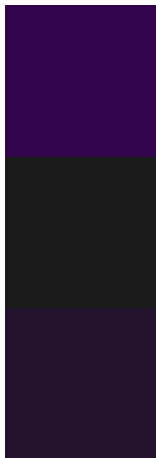
Original Color
31064D

Protanomaly
121747

Deuteranomaly
121841

Tritanomaly
2B1531

Monochromacy



Original Color
31064D

Achromatopsia
1B1B1B

Achromatomaly
23132D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31064D 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 #31064D looks like.

```
.text, #text, p{  
    color:#31064D  
}
```

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 #31064D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31064D
}
```

Border

The CSS property to change the border of an element to Hex 31064D 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
#31064D }
```

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

```
.border{ border-color:#31064D }
```

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

Here you see how a box with a 4 pixel #31064D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31064D; -webkit-box-shadow:4px 4px  
4px 4px #31064D; box-shadow:4px 4px 4px  
4px #31064D }
```

Background

The CSS property to change the background color of an element to Hex 31064D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31064D }
```

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

```
.background{ background-color:#31064D }
```

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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