

Converting Colors

Hex(36134B)

Have a look what the booklet for
Hex(36134B) contains.

Hex(36134B)	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(36134B)

Conversions

Conversions Part 1

Format	Color
Hex	36134B
RGB	54, 19, 75
RGB Percent	21%, 7%, 29%
CMY	0.7882, 0.9255, 0.7059
CMYK	0.28, 0.75, 0.00, 0.71
HSL	278°, 60%, 18%
HSV	278°, 75%, 29%
XYZ	3.0242, 1.7580, 6.8365
YIQ	35.8490, 2.8840, 24.8360

Conversions

Conversions Part 2

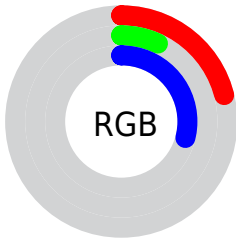
Format	Color
RYB	54, 19, 75
Decimal	3543883
CIELab	14.16, 28.43, -27.49
CIElCh	14, 39.544, 315.964
Yxy	1.7580, 0.2603, 0.1513
Android (android.graphics.Color)	4281733963 (0xFF36134B)
YUV	35.8490, 19.3014, 15.9184
Hunter-Lab	13.2590, 17.5100, -21.2895




Details

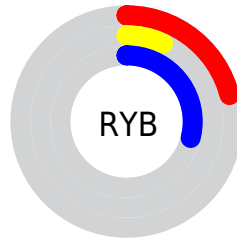
The Hex color **36134B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **284B13**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **67417C**, and **00001E** is the 20% darker color. If you saturate the color by 10%, you get **330C4B**, and if you desaturate by 10%, it is **391B4B**.

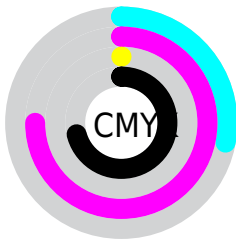
Distribution







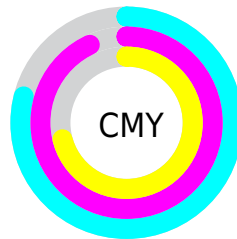
-  Red (21%)
-  Green (7%)
-  Blue (29%)






-  Red (21%)
-  Yellow (7%)
-  Blue (29%)



-  Cyan (28%)
-  Magenta (75%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (79%)
-  Magenta (93%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36134B 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 36134B by changing the saturation by 10% instead.

 36134B


 36134B

 FFFAFF

 200034

 67417C

 00001E

 815996

 000000

 9C72B1

 B78BCD

 D3A6E9

 EFC1FF

 FFDDFF

 36134B

 36134B

■ 330C4B

■ 391B4B

■ 30044B

■ 3C224B

■ 2F004B

■ 3E2A4B

■ 41314B

■ 44394B

■ 47404B

■ 4A484B

■ 4D4F4B

■ 4F574B

Harmonies

Analogous

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



00235A



36134B



4D0032

Triad

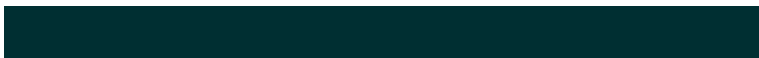
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36134B



381E00



002F32

Complementary

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



36134B



284B13

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.



002F15



36134B



202700

Square

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



36134B



4A0D00



002C00



002F4C

Rectangle

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



36134B



520020



002C00



002F29

Sweetspot

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



36134B



594C61



13284B



2C2430



B0B0B0



303030

Same Dimension

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



36134B



400A61



4B1344



252226



400066



8F00E6

Inverse Universe

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



4B1328



610A2A



134B1A



262224



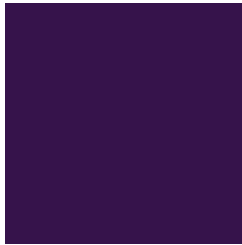
660026



E60056

Previews

White Background



This preview shows how the Hex color 36134B looks on a white background.

Color Contrast Check

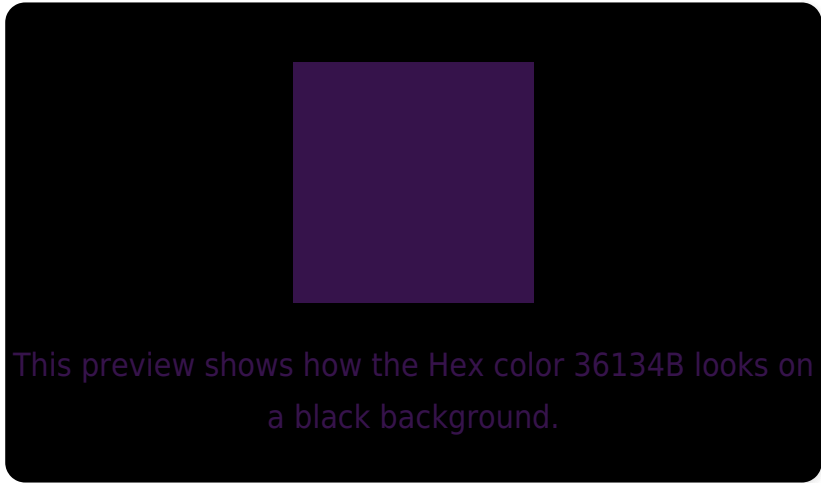
Large Text (above 18pt) WCAG AA ✓ Pass

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

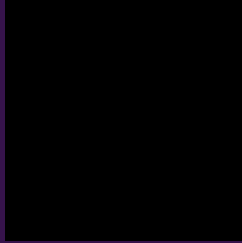
Any Text WCAG AA × Fail

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 36134B Background



This preview shows how black text looks on a background with the Hex color 36134B.



This preview shows how white text looks on a background with the Hex color 36134B.

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
36134B

Protanopia
00244C

Deuteranopia
002642

Trichromacy



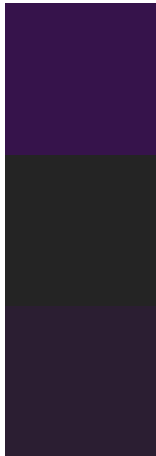
Original Color
36134B

Protanomaly
141E4C

Deuteranomaly
141F45

Tritanomaly
321C32

Monochromacy



Original Color
36134B

Achromatopsia
242424

Achromatomaly
2B1E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 36134B 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 #36134B looks like.

```
.text, #text, p{  
    color:#36134B  
}
```

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 #36134B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36134B
}
```

Border

The CSS property to change the border of an element to Hex 36134B 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
#36134B }
```

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

```
.border{ border-color:#36134B }
```

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

Here you see how a box with a 4 pixel #36134B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36134B; -webkit-box-shadow:4px 4px  
4px 4px #36134B; box-shadow:4px 4px 4px  
4px #36134B }
```

Background

The CSS property to change the background color of an element to Hex 36134B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36134B }
```

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

```
.background{ background-color:#36134B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor