

Converting Colors

Hex(36B100)

Have a look what the booklet for
Hex(36B100) contains.

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Color

Hex(36B100)

Conversions

Conversions Part 1

Format	Color
Hex	36B100
RGB	54, 177, 0
RGB Percent	21%, 69%, 0%
CMY	0.7882, 0.3059, 1.0000
CMYK	0.69, 0.00, 1.00, 0.31
HSL	102°, 100%, 35%
HSV	102°, 100%, 69%
XYZ	17.2435, 32.2286, 5.3119
YIQ	120.0450, -16.4910, -81.1230

Conversions

Conversions Part 2

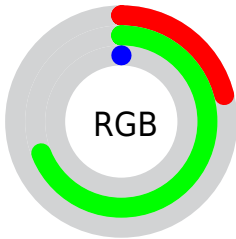
Format	Color
RYB	0, 177, 123
Decimal	3584256
CIELab	63.53, -59.76, 64.04
CIELCh	64, 87.592, 133.016
Yxy	32.2286, 0.3148, 0.5883
Android (android.graphics.Color)	4281774336 (0xFF36B100)
YUV	120.0450, -59.1822, -57.9215
Hunter-Lab	56.7702, -45.1300, 34.1915

Details

The Hex color **36B100** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7B00B1**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **77EA4C**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **36B100**, and if you desaturate by 10%, it is **42B112**.

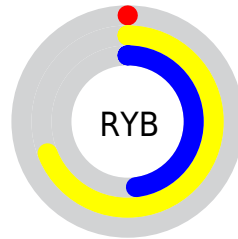
Distribution



Red (21%)

Green (69%)

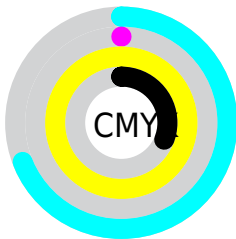
Blue (0%)



Red (0%)

Yellow (69%)

Blue (48%)

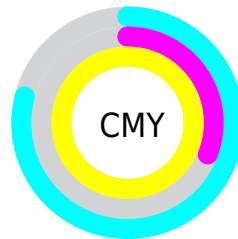


Cyan (69%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (79%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36B100 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 36B100 by changing the saturation by 10% instead.

 36B100

 36B100

FFFFFF

 009600

 77EA4C

 007B00

 95FF68

 006100

 B3FF84

 004800

 D1FFA0

 003100

 F0FFBC

 001500

 FFFFD9

 000000

 FFFFF6

 36B100

 42B112

 4FB123

 5BB135

 67B147

 74B159

 80B16A

 8CB17C

 98B18E

 A5B19F

Harmonies

Analogous

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



9BA100



36B100



00B969

Triad

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



36B100



00AFFF



FF357C

Complementary

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



36B100



7B00B1

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.



FF44C9



36B100



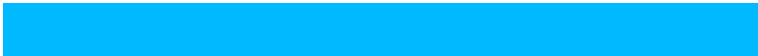
0098FF

Square

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



36B100



00B9FF



C573FF



FF5E30

Rectangle

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



36B100



00BBA0



C573FF



FF3195

Sweetspot

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



36B100



B6E6A1



B17900



567349



F2F2F2



737373

Same Dimension

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



36B100



46E600



00B120



535950



2F9900



081A00

Inverse Universe

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



7B00B1



9F00E6



B10091



575059



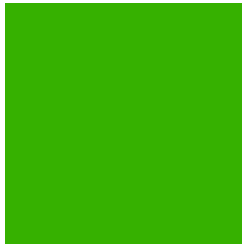
6A0099



12001A

Previews

White Background



This preview shows how the Hex color 36B100 looks on a white background.

Color Contrast Check

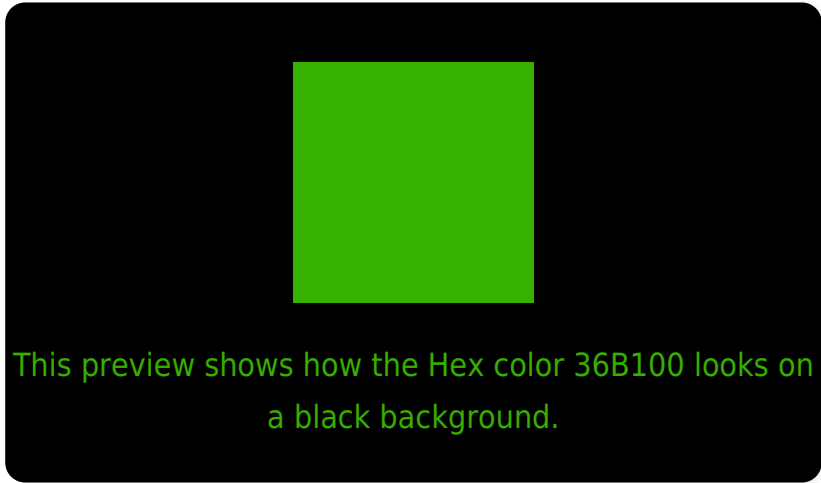
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 36B100 Background



This preview shows how black text looks on a background with the Hex color 36B100.

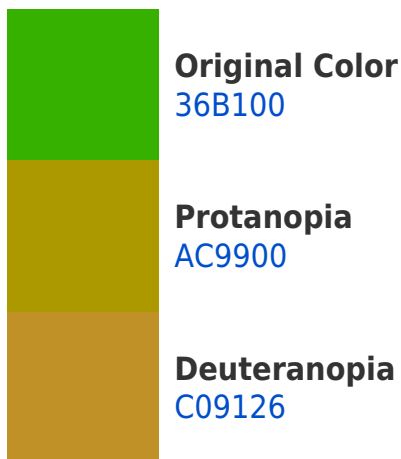


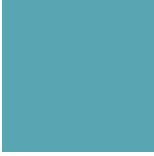
This preview shows how white text looks on a background with the Hex color 36B100.

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](#).

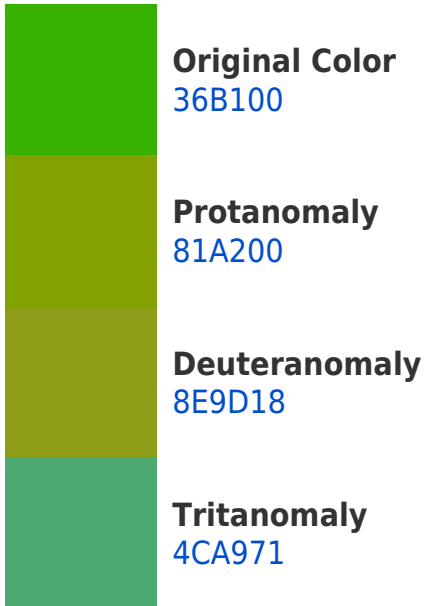
Dichromacy



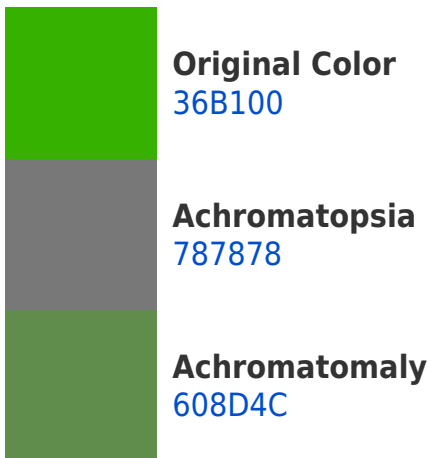


Tritanopia
59A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B100 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 #36B100 looks like.

```
.text, #text, p{  
    color:#36B100  
}
```

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 #36B100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B100
}
```

Border

The CSS property to change the border of an element to Hex 36B100 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
#36B100 }
```

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

```
.border{ border-color:#36B100 }
```

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

Here you see how a box with a 4 pixel #36B100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B100; -webkit-box-shadow:4px 4px  
4px 4px #36B100; box-shadow:4px 4px 4px  
4px #36B100 }
```

Background

The CSS property to change the background color of an element to Hex 36B100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B100 }
```

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

```
.background{ background-color:#36B100 }
```

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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