

Converting Colors

Hex(36B475)

Have a look what the booklet for
Hex(36B475) contains.

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Color

Hex(36B475)

Conversions

Conversions Part 1

Format	Color
Hex	36B475
RGB	54, 180, 117
RGB Percent	21%, 71%, 46%
CMY	0.7882, 0.2941, 0.5412
CMYK	0.70, 0.00, 0.35, 0.29
HSL	150°, 54%, 46%
HSV	150°, 70%, 71%
XYZ	21.0535, 34.7111, 22.4199
YIQ	135.1440, -54.8730, -46.3050

Conversions

Conversions Part 2

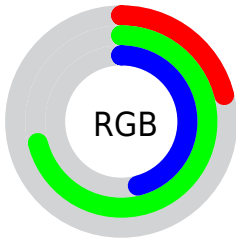
Format	Color
RYB	54, 138, 180
Decimal	3585141
CIELab	65.52, -48.87, 22.46
CIELCh	66, 53.778, 155.319
Yxy	34.7111, 0.2693, 0.4440
Android (android.graphics.Color)	4281775221 (0xFF36B475)
YUV	135.1440, -8.9450, -71.1633
Hunter-Lab	58.9162, -39.3170, 18.6791

Details

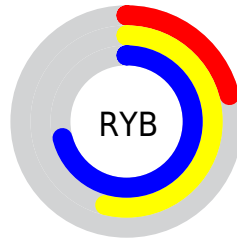
The Hex color **36B475** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B43675**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **74EDA9**, and **007E44** is the 20% darker color. If you saturate the color by 10%, you get **24B46C**, and if you desaturate by 10%, it is **48B47E**.

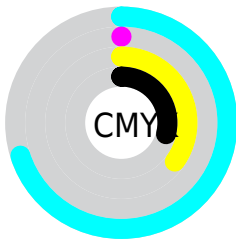
Distribution



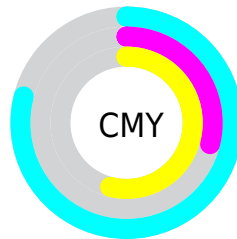
- Red (21%)
- Green (71%)
- Blue (46%)



- Red (21%)
- Yellow (54%)
- Blue (71%)



- Cyan (70%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (79%)
- Magenta (29%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Hex color 36B475 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 36B475 by changing the saturation by 10% instead.

 36B475

 36B475

FFFFFF

 01995C

 74EDA9

 007E44

 92FFC5

 00642D

 AFFFE1

 004B17

 CCFFFE

 003300

 EAFFFF

 001C00

 000000

 36B475

 36B475

 24B46C

 48B47E

 12B463

 5AB487

 00B45A

 6CB490

 7EB499

 90B4A2

 A2B4AB

 B4B4B4

 C6B4BD

 D8B4C6

Harmonies

Analogous

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



80AC4C



36B475



00B7A7

Triad

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



36B475



52A2FF



F37D6A

Complementary

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



36B475



B43675

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.



F77498



36B475



AD8FEE

Square

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



36B475



00AFF6



E17CC8



DA8E47

Rectangle

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



36B475



00B7C7



E17CC8



F77879

Sweetspot

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



36B475



B9EBD2



75B436



587567



F5F5F5



757575

Same Dimension

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



36B475



26EB88



36B4B4



505955



00994D



001A0D

Inverse Universe

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



B43675



EB2688



B43636



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color 36B475 looks on a white background.

Color Contrast Check

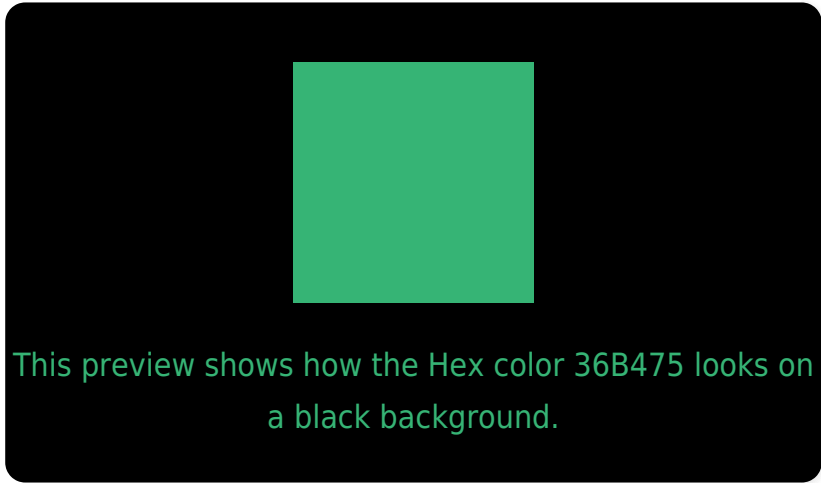
Large Text (above 18pt) WCAG AA × Fail

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

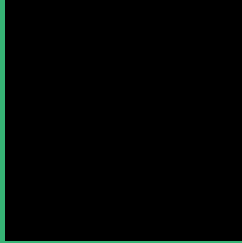
Any Text WCAG AA ✓ Pass

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 36B475 Background



This preview shows how black text looks on a background with the Hex color 36B475.

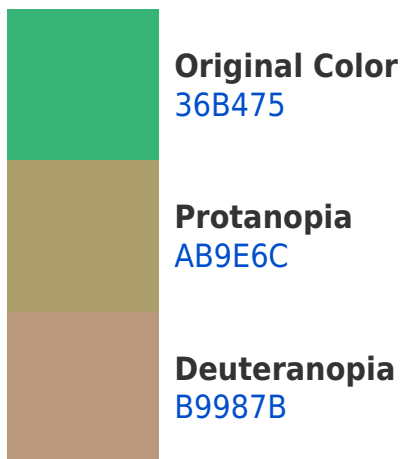


This preview shows how white text looks on a background with the Hex color 36B475.

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](#).

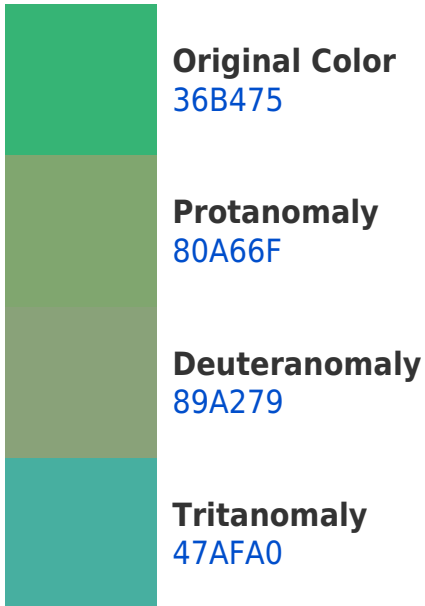
Dichromacy



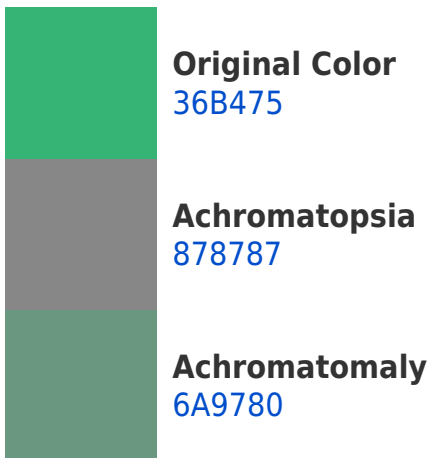


Tritanopia
51ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36B475 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 #36B475 looks like.

```
.text, #text, p{  
    color:#36B475  
}
```

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 #36B475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36B475  
}
```

Border

The CSS property to change the border of an element to Hex 36B475 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  
#36B475 }
```

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

```
.border{ border-color:#36B475 }
```

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

Here you see how a box with a 4 pixel #36B475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36B475; -webkit-box-shadow:4px 4px  
4px 4px #36B475; box-shadow:4px 4px 4px  
4px #36B475 }
```

Background

The CSS property to change the background color of an element to Hex 36B475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36B475 }
```

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

```
.background{ background-color:#36B475 }
```

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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