

Converting Colors

Hex(336565)

Have a look what the booklet for
Hex(336565) contains.

Hex(336565)	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(336565)

Conversions

Conversions Part 1

Format	Color
Hex	336565
RGB	51, 101, 101
RGB Percent	20%, 40%, 40%
CMY	0.8000, 0.6039, 0.6039
CMYK	0.50, 0.00, 0.00, 0.60
HSL	180°, 33%, 30%
HSV	180°, 50%, 40%
XYZ	8.3679, 10.9508, 13.9846
YIQ	86.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

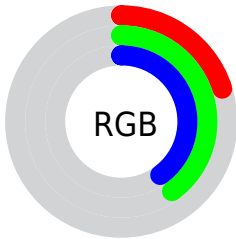
Format	Color
RYB	51, 76, 101
Decimal	3368293
CIELab	39.50, -16.78, -5.22
CIELCh	39, 17.576, 197.288
Yxy	10.9508, 0.2513, 0.3288
Android (android.graphics.Color)	4281558373 (0xFF336565)
YUV	86.0500, 7.3704, -30.7388
Hunter-Lab	33.0919, -12.7739, -1.8915

Details

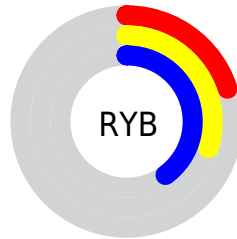
The Hex color **336565** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **653333**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **669898**, and **003636** is the 20% darker color. If you saturate the color by 10%, you get **296565**, and if you desaturate by 10%, it is **3D6565**.

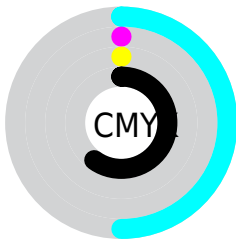
Distribution



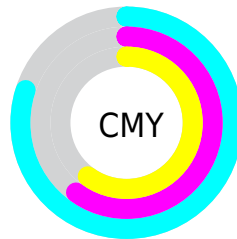
- Red (20%)
- Green (40%)
- Blue (40%)



- Red (20%)
- Yellow (30%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 336565 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 336565 by changing the saturation by 10% instead.



336565



336565

FFFFFF



194D4D



669898



003636



80B3B3



002121



9BCFCE



00000B



B6EBEA



000000



D2FFFF



FFFFFF



336565



336565



296565



3D6565

■ 1F6565

■ 476565

■ 156565

■ 516565

■ 0B6565

■ 5B6565

■ 016565

■ 666565

■ 006565

■ 706565

■ 7A6565

■ 846565

■ 8E6565

Harmonies

Analogous

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



3F6556



336565



346472

Triad

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



336565



695771



6D5A41

Complementary

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



336565



653333

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.



775549



336565



765364

Square

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



336565



575C78



7A5355



5F5F42

Rectangle

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



336565



3D6177



7A5355



715843

Sweetspot

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



336565



6F8282



336533



364242



C2C2C2



424242

Same Dimension

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



336565



358282



334C65



2E3333



007373



00F2F2

Inverse Universe

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



653365



823582



654C33



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 336565 looks on a white background.

Color Contrast Check

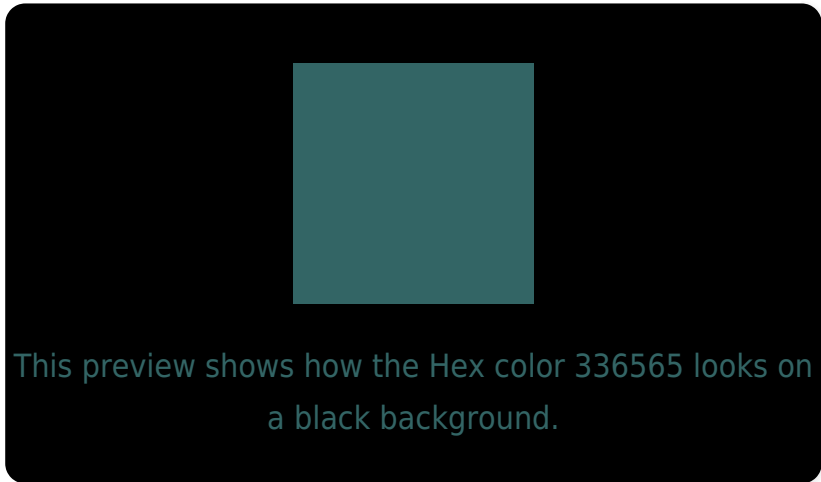
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

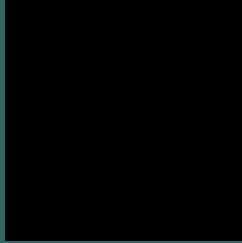
Any Text WCAG AA × Fail

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 336565 Background



This preview shows how black text looks on a background with the Hex color 336565.

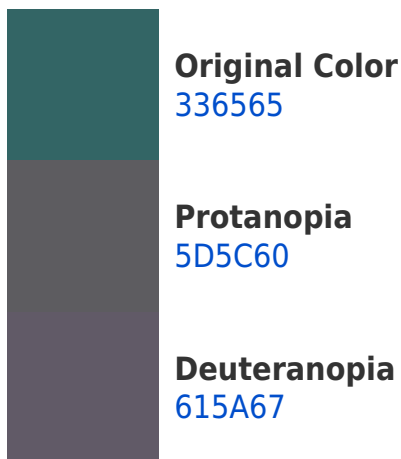



This preview shows how white text looks on a background with the Hex color 336565.

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](#).

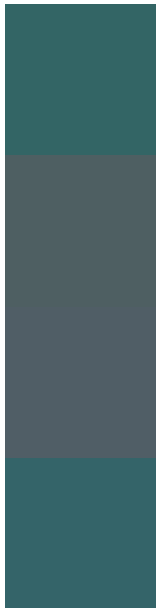
Dichromacy





Tritanopia
35646C

Trichromacy



Original Color
336565

Protanomaly
4E5F62

Deuteranomaly
505E66

Tritanomaly
346469

Monochromacy



Original Color
336565

Achromatopsia
565656

Achromatomaly
495B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 336565 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 #336565 looks like.

```
.text, #text, p{  
    color:#336565  
}
```

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 #336565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336565
}
```

Border

The CSS property to change the border of an element to Hex 336565 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
#336565 }
```

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

```
.border{ border-color:#336565 }
```

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

Here you see how a box with a 4 pixel #336565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336565; -webkit-box-shadow:4px 4px  
4px 4px #336565; box-shadow:4px 4px 4px  
4px #336565 }
```

Background

The CSS property to change the background color of an element to Hex 336565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336565 }
```

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

```
.background{ background-color:#336565 }
```

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