

Converting Colors

Hex(338ECB)

Have a look what the booklet for
Hex(338ECB) contains.

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Color

Hex(338ECB)

Conversions

Conversions Part 1

Format	Color
Hex	338ECB
RGB	51, 142, 203
RGB Percent	20%, 56%, 80%
CMY	0.8000, 0.4431, 0.2039
CMYK	0.75, 0.30, 0.00, 0.20
HSL	204°, 60%, 50%
HSV	204°, 75%, 80%
XYZ	21.8177, 24.3616, 60.0523
YIQ	121.7450, -73.8170, -0.3210

Conversions

Conversions Part 2

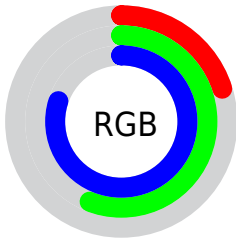
Format	Color
R _Y B	51, 108, 203
Decimal	3378891
CIE Lab	56.45, -6.13, -39.11
CIE LCh	56, 39.583, 261.090
Yxy	24.3616, 0.2054, 0.2293
Android (android.graphics.Color)	4281568971 (0xFF338ECB)
YUV	121.7450, 40.0587, -62.0434
Hunter-Lab	49.3575, -7.4723, -37.5867

Details

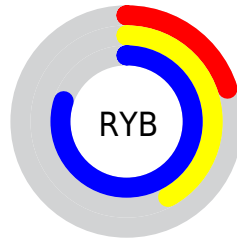
The Hex color **338ECB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CB7033**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **75C3FF**, and **005C94** is the 20% darker color. If you saturate the color by 10%, you get **1F86CB**, and if you desaturate by 10%, it is **4796CB**.

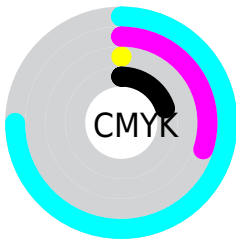
Distribution



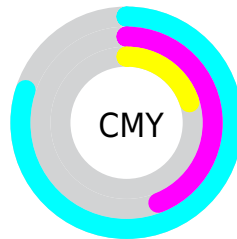
- Red (20%)
- Green (56%)
- Blue (80%)



- Red (20%)
- Yellow (42%)
- Blue (80%)



- Cyan (75%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338ECB 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 338ECB by changing the saturation by 10% instead.

 338ECB

 338ECB

FFFFFF

 0075AF

 75C3FF

 005C94

 94DFFF

 00457A

 B1FCFF

 002F61

 CFFFFFF

 001B49

 EFFFFFF

 000432

 00021C

 000000

 338ECB

 338ECB

■ 1F86CB

■ 4796CB

■ 0A7ECB

■ 5C9ECB

■ 007ACB

■ 70A6CB

■ 84AFCB

■ 99B7CB

■ ADBFCB

■ C1C7CB

■ D5CFCB

■ EAD7CB

Harmonies

Analogous

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



0096BC



338ECB



7A82C8

Triad

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



338ECB



C96C70



5C945B

Complementary

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



338ECB



CB7033

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.



848D45



338ECB



BE7553

Square

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



338ECB



C26C93



A58242



20987C

Rectangle

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



338ECB



9B79BB



A58242



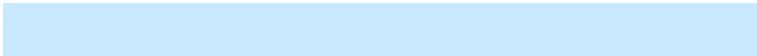
6A9252

Sweetspot

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



338ECB



C7E8FF



33CB70



5E7280



000000



808080

Same Dimension

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



338ECB



19A3FF



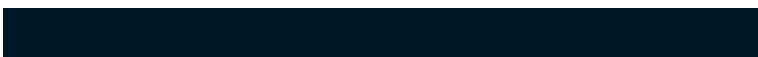
3342CB



5C6266



0063A6



001726

Inverse Universe

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



CB338E



FF19A3



CBBC33



665C62



A60063



260017

Previews

White Background



This preview shows how the Hex color 338ECB looks on a white background.

Color Contrast Check

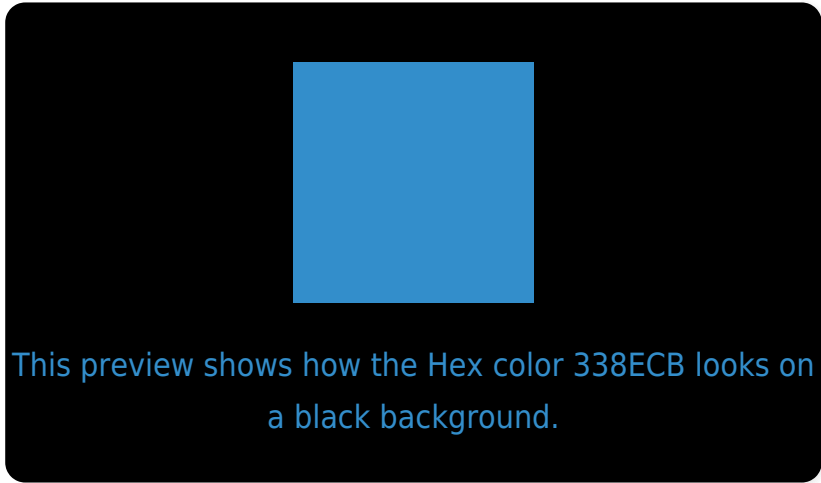
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

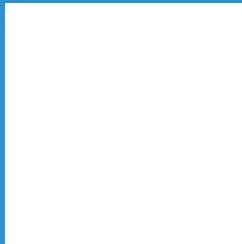
Any Text WCAG AAA × Fail

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

Hex 338ECB Background



This preview shows how black text looks on a background with the Hex color 338ECB.

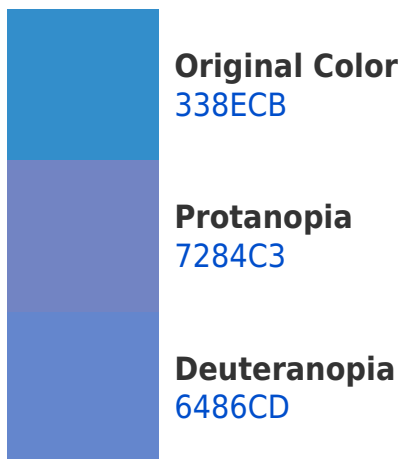


This preview shows how white text looks on a background with the Hex color 338ECB.

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](#).

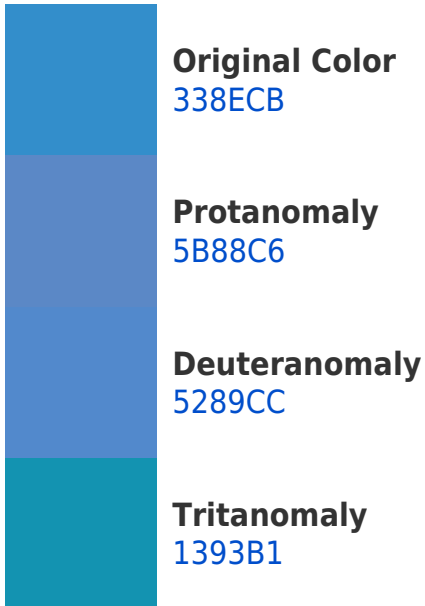
Dichromacy



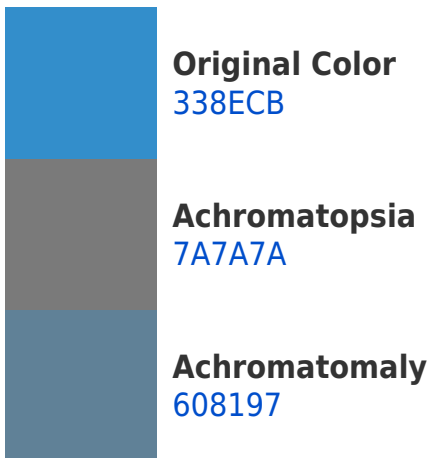


Tritanopia
0096A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 338ECB 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 #338ECB looks like.

```
.text, #text, p{  
    color:#338ECB  
}
```

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 #338ECB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338ECB
}
```

Border

The CSS property to change the border of an element to Hex 338ECB 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
#338ECB }
```

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

```
.border{ border-color:#338ECB }
```

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

Here you see how a box with a 4 pixel #338ECB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338ECB; -webkit-box-shadow:4px 4px  
4px 4px #338ECB; box-shadow:4px 4px 4px  
4px #338ECB }
```

Background

The CSS property to change the background color of an element to Hex 338ECB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338ECB }
```

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

```
.background{ background-color:#338ECB }
```

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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