

Converting Colors

Hex(3555D3)

Have a look what the booklet for
Hex(3555D3) contains.

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Color

Hex(3555D3)

Conversions

Conversions Part 1

Format	Color
Hex	3555D3
RGB	53, 85, 211
RGB Percent	21%, 33%, 83%
CMY	0.7922, 0.6667, 0.1725
CMYK	0.75, 0.60, 0.00, 0.17
HSL	228°, 64%, 52%
HSV	228°, 75%, 83%
XYZ	16.4746, 11.9570, 63.0676
YIQ	89.7960, -59.5180, 32.4020

Conversions

Conversions Part 2

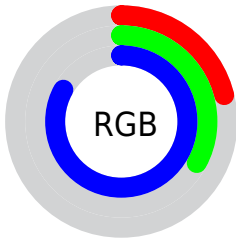
Format	Color
R_{YB}	53, 80, 211
Decimal	3495379
CIE _{Lab}	41.15, 32.45, -68.19
CIE _{LCh}	41, 75.515, 295.452
Yxy	11.9570, 0.1801, 0.1307
Android (android.graphics.Color)	4281685459 (0xFF3555D3)
YUV	89.7960, 59.7536, -32.2701
Hunter-Lab	34.5789, 24.5303, -83.9323

Details

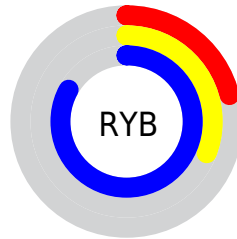
The Hex color **3555D3** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **D3B335**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7A86FF**, and **00299B** is the 20% darker color. If you saturate the color by 10%, you get **2044D3**, and if you desaturate by 10%, it is **4A66D3**.

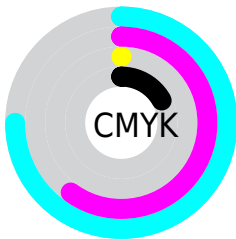
Distribution



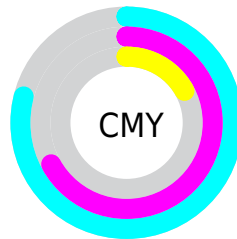
- Red (21%)
- Green (33%)
- Blue (83%)



- Red (21%)
- Yellow (31%)
- Blue (83%)



- Cyan (75%)
- Magenta (60%)
- Yellow (0%)
- Black (17%)



- Cyan (79%)
- Magenta (67%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3555D3 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 3555D3 by changing the saturation by 10% instead.

 3555D3

 3555D3

FFFFFF

 003EB7

 7A86FF

 00299B

 98A0FF

 001680

 B7BBFF

 000067

 D5D7FF

 000A4D

 F4F3FF

 000536

 00021F

 000003

 000000

■ 3555D3

■ 3555D3

■ 2044D3

■ 4A66D3

■ 0B33D3

■ 5F77D3

■ 002BD3

■ 7487D3

■ 8998D3

■ 9FA9D3

■ B4BAD3

■ C9CBD3

■ DEDCD3

■ F3ECD3

Harmonies

Analogous

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



006DDF



3555D3



9F2BA9

Triad

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



3555D3



AB3D00



007955

Complementary

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



355D3



D3B335

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.



00750A



3555D3



7F5C00

Square

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



3555D3



C60031



436D00



007A95

Rectangle

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



3555D3



BD0082



436D00



00783F

Sweetspot

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



3555D3



C7D2FF



35D3B1



5E6580



000000



808080

Same Dimension

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



3555D3



1948FF



6235D3



5E6069



0022A8



000829

Inverse Universe

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



D33555



FF1948



A6D335



695E60



A80022



290008

Previews

White Background



This preview shows how the Hex color 3555D3 looks on a white background.

Color Contrast Check

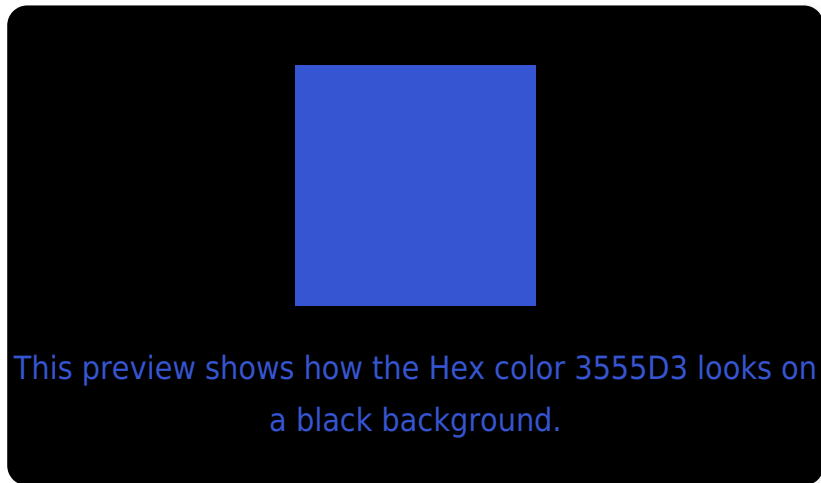
Large Text (above 18pt) WCAG AA ✓ Pass

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

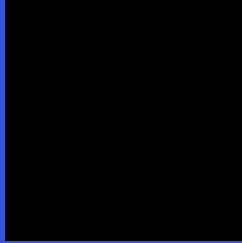
Any Text WCAG AA × Fail

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 3555D3 Background



This preview shows how black text looks on a background with the Hex color 3555D3.

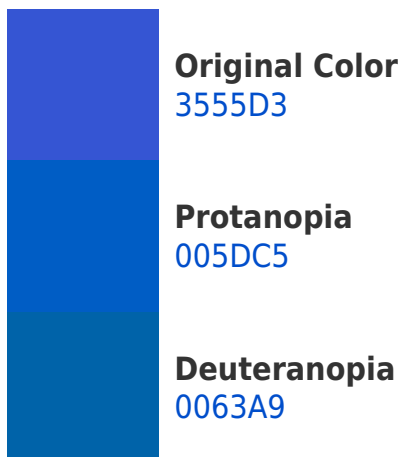


This preview shows how white text looks on a background with the Hex color 3555D3.

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](#).

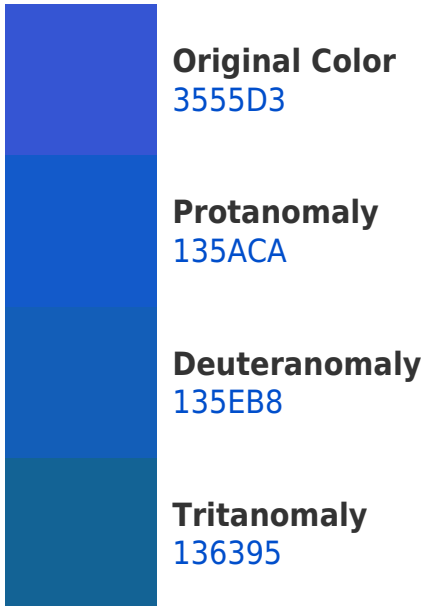
Dichromacy



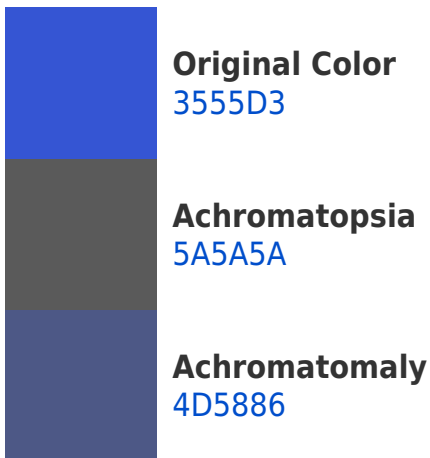


Tritanopia
006B72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3555D3 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 #3555D3 looks like.

```
.text, #text, p{  
    color:#3555D3  
}
```

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 #3555D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3555D3
}
```

Border

The CSS property to change the border of an element to Hex 3555D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

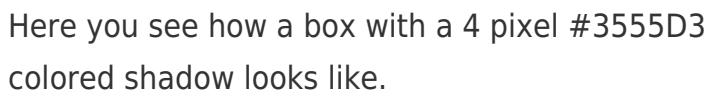
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3555D3 }
```

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

```
.border{ border-color:#3555D3 }
```

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



Here you see how a box with a 4 pixel #3555D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3555D3; -webkit-box-shadow:4px 4px  
4px 4px #3555D3; box-shadow:4px 4px 4px  
4px #3555D3 }
```

Background

The CSS property to change the background color of an element to Hex 3555D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3555D3 }
```

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

```
.background{ background-color:#3555D3 }
```

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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