

Converting Colors

Hex(3554B2)

Have a look what the booklet for
Hex(3554B2) contains.

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Color

Hex(3554B2)

Conversions

Conversions Part 1

Format	Color
Hex	3554B2
RGB	53, 84, 178
RGB Percent	21%, 33%, 70%
CMY	0.7922, 0.6706, 0.3020
CMYK	0.70, 0.53, 0.00, 0.30
HSL	225°, 54%, 45%
HSV	225°, 70%, 70%
XYZ	12.6744, 10.3119, 43.4419
YIQ	85.4470, -48.6500, 22.6620

Conversions

Conversions Part 2

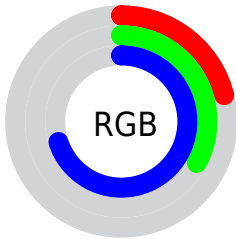
Format	Color
R_{YB}	53, 78, 178
Decimal	3495090
CIE _{Lab}	38.40, 20.98, -53.45
CIE _{LCh}	38, 57.418, 291.430
Yxy	10.3119, 0.1908, 0.1552
Android (android.graphics.Color)	4281685170 (0xFF3554B2)
YUV	85.4470, 45.6286, -28.4560
Hunter-Lab	32.1121, 14.2563, -57.7301

Details

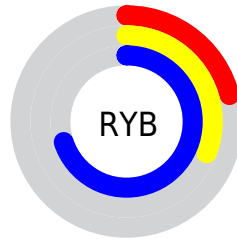
The Hex color **3554B2** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B29335**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7385EA**, and **00287C** is the 20% darker color. If you saturate the color by 10%, you get **2347B2**, and if you desaturate by 10%, it is **4761B2**.

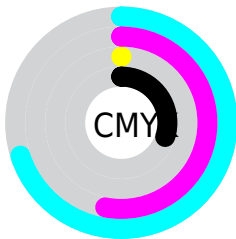
Distribution



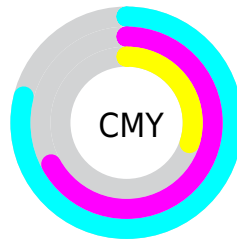
- Red (21%)
- Green (33%)
- Blue (70%)



- Red (21%)
- Yellow (31%)
- Blue (70%)



- Cyan (70%)
- Magenta (53%)
- Yellow (0%)
- Black (30%)



- Cyan (79%)
- Magenta (67%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3554B2 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 3554B2 by changing the saturation by 10% instead.

■ 3554B2

■ 3554B2

FFFFFF

■ 023D97

■ 7385EA

■ 00287C

■ 909FFF

■ 001563

■ ADBAFF

■ 00004A

■ CAD6FF

■ 000433

■ E8F2FF

■ 00021D

■ 000000

■ 3554B2

■ 3554B2

■ 2347B2

■ 4761B2

■ 1139B2

■ 596FB2

■ 002CB2

■ 6A7CB2

■ 7C8AB2

■ 8E97B2

■ A0A4B2

■ B2B2B2

■ C3BFB2

■ D5CCB2

Harmonies

Analogous

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



0064B7



3554B2



843C95

Triad

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



3554B2



993E0D



006E4B

Complementary

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



3554B2



B29335

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.



006A19



3554B2



795400

Square

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



3554B2



AA263C



4E6200



006F7B

Rectangle

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



3554B2



9E2B79



4E6200



006D3B

Sweetspot

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



3554B2



B7C3E8



35B293



585F75



F5F5F5



757575

Same Dimension

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



3554B2



2555E8



5435B2



505359



002699



00061A

Inverse Universe

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



B23554



E82555



93B235



595053



990026



1A0006

Previews

White Background



This preview shows how the Hex color 3554B2 looks on a white background.

Color Contrast Check

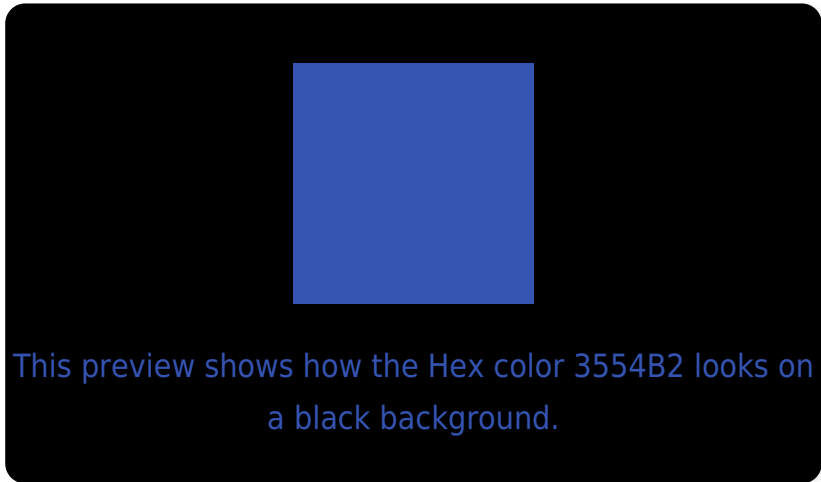
Large Text (above 18pt) WCAG AA ✓ Pass

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

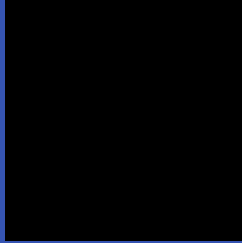
Any Text WCAG AA × Fail

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 3554B2 Background



This preview shows how black text looks on a background with the Hex color 3554B2.



This preview shows how white text looks on a background with the Hex color 3554B2.

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
00646B

Trichromacy



Original Color
3554B2

Protanomaly
2356B4

Deuteranomaly
1359A7

Tritanomaly
135E85

Monochromacy



Original Color
3554B2

Achromatopsia
555555

Achromatomaly
495577

CSS Examples

Text

The CSS property to change the color of the text to Hex 3554B2 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 #3554B2 looks like.

```
.text, #text, p{  
    color:#3554B2  
}
```

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 #3554B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3554B2
}
```

Border

The CSS property to change the border of an element to Hex 3554B2 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
#3554B2 }
```

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

```
.border{ border-color:#3554B2 }
```

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

Here you see how a box with a 4 pixel #3554B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3554B2; -webkit-box-shadow:4px 4px  
4px 4px #3554B2; box-shadow:4px 4px 4px  
4px #3554B2 }
```

Background

The CSS property to change the background color of an element to Hex 3554B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3554B2 }
```

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

```
.background{ background-color:#3554B2 }
```

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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