

Converting Colors

Hex(3562D7)

Have a look what the booklet for
Hex(3562D7) contains.

Hex(3562D7)	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(3562D7)

Conversions

Conversions Part 1

Format	Color
Hex	3562D7
RGB	53, 98, 215
RGB Percent	21%, 38%, 84%
CMY	0.7922, 0.6157, 0.1569
CMYK	0.75, 0.54, 0.00, 0.16
HSL	223°, 67%, 53%
HSV	223°, 75%, 84%
XYZ	18.1016, 14.3985, 66.1151
YIQ	97.8830, -64.3770, 26.8470

Conversions

Conversions Part 2

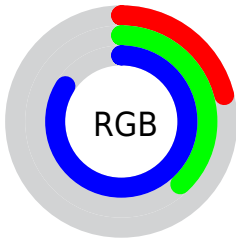
Format	Color
R_{YB}	53, 88, 215
Decimal	3498711
CIE _{Lab}	44.80, 25.61, -64.53
CIE _{LCh}	45, 69.428, 291.642
Yxy	14.3985, 0.1836, 0.1460
Android (android.graphics.Color)	4281688791 (0xFF3562D7)
YUV	97.8830, 57.7387, -39.3624
Hunter-Lab	37.9454, 18.7478, -76.7436

Details

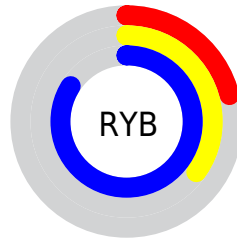
The Hex color **3562D7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D7AA35**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7A94FF**, and **00359F** is the 20% darker color. If you saturate the color by 10%, you get **2052D7**, and if you desaturate by 10%, it is **4B72D7**.

Distribution



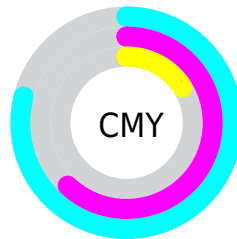
- Red (21%)
- Green (38%)
- Blue (84%)



- Red (21%)
- Yellow (35%)
- Blue (84%)



- Cyan (75%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)



- Cyan (79%)
- Magenta (62%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3562D7 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 3562D7 by changing the saturation by 10% instead.

■ 3562D7

■ 3562D7

FFFFFF

■ 004BBB

■ 7A94FF

■ 00359F

■ 98AFFF

■ 002184

■ B7CAFF

■ 000E6A

■ D5E6FF

■ 000851

■ F4FFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 3562D7

■ 3562D7

■ 2052D7

■ 4B72D7

■ 0A43D7

■ 6081D7

■ 003CD7

■ 7691D7

■ 8BA0D7

■ A1B0D7

■ B6BFD7

■ CCCFD7

■ E1DED7

■ F7EED7

Harmonies

Analogous

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



0076DE



3562D7



9E42B3

Triad

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



3562D7



B64603



008257

Complementary

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



3562D7



D7AA35

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.



007D16



3562D7



8E6200

Square

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



3562D7



CC2243



597400



008393

Rectangle

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



3562D7



BD2990



597400



008143

Sweetspot

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



3562D7



C4D5FF



35D7A9



5C6680



000000



808080

Same Dimension

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



3562D7



1959FF



5835D7



60636B



002FAB



000C2B

Inverse Universe

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



D73562



FF1959



B4D735



6B6063



AB002F



2B000C

Previews

White Background



This preview shows how the Hex color 3562D7 looks on a white background.

Color Contrast Check

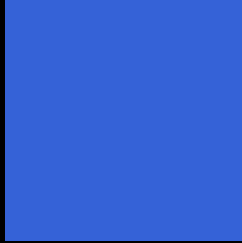
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3562D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

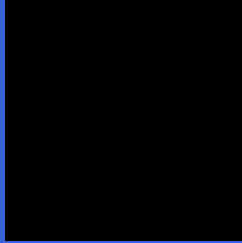
Any Text WCAG AA × Fail

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 3562D7 Background



This preview shows how black text looks on a background with the Hex color 3562D7.



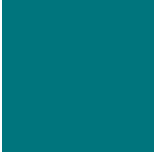
This preview shows how white text looks on a background with the Hex color 3562D7.

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](#).

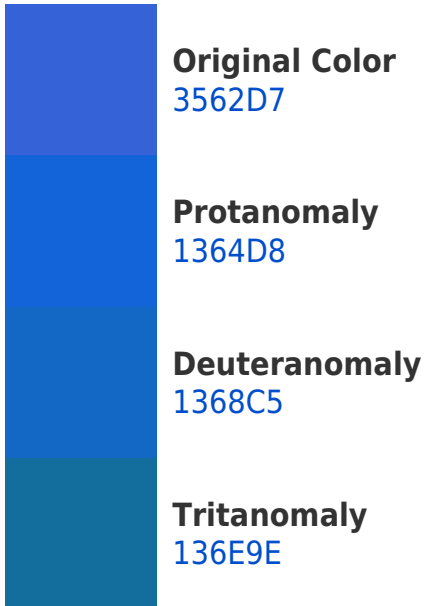
Dichromacy



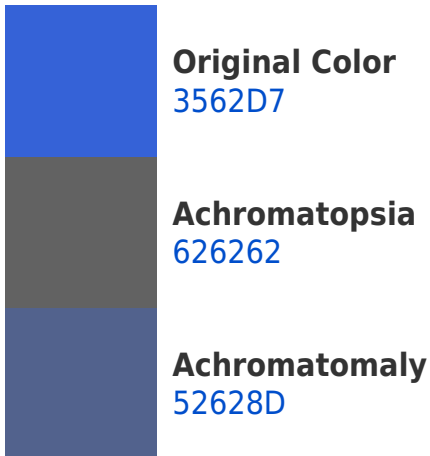


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3562D7 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 #3562D7 looks like.

```
.text, #text, p{  
    color:#3562D7  
}
```

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 #3562D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3562D7
}
```

Border

The CSS property to change the border of an element to Hex 3562D7 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
#3562D7 }
```

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

```
.border{ border-color:#3562D7 }
```

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

Here you see how a box with a 4 pixel #3562D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3562D7; -webkit-box-shadow:4px 4px  
4px 4px #3562D7; box-shadow:4px 4px 4px  
4px #3562D7 }
```

Background

The CSS property to change the background color of an element to Hex 3562D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3562D7 }
```

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

```
.background{ background-color:#3562D7 }
```

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