

Converting Colors

Hex(1555B7)

Have a look what the booklet for
Hex(1555B7) contains.

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Color

Hex(1555B7)

Conversions

Conversions Part 1

Format	Color
Hex	1555B7
RGB	21, 85, 183
RGB Percent	8%, 33%, 72%
CMY	0.9176, 0.6667, 0.2824
CMYK	0.89, 0.54, 0.00, 0.28
HSL	216°, 79%, 40%
HSV	216°, 89%, 72%
XYZ	12.1050, 10.0753, 46.1065
YIQ	77.0360, -69.6020, 16.9100

Conversions

Conversions Part 2

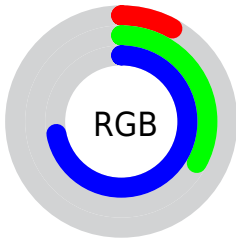
Format	Color
R_{YB}	21, 67, 183
Decimal	1398199
CIE _{Lab}	37.98, 18.90, -57.12
CIE _{LCh}	38, 60.168, 288.309
Yxy	10.0753, 0.1773, 0.1475
Android (android.graphics.Color)	4279588279 (0xFF1555B7)
YUV	77.0360, 52.2403, -49.1436
Hunter-Lab	31.7417, 12.5249, -63.9028

Details

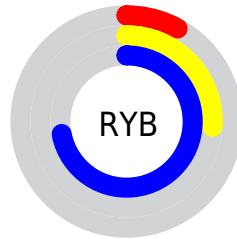
The Hex color **1555B7** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B77715**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6386F0**, and **002981** is the 20% darker color. If you saturate the color by 10%, you get **034AB7**, and if you desaturate by 10%, it is **2760B7**.

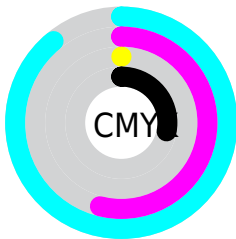
Distribution



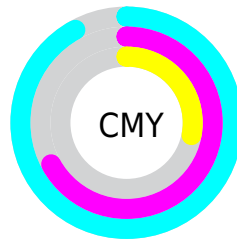
- Red (8%)
- Green (33%)
- Blue (72%)



- Red (8%)
- Yellow (26%)
- Blue (72%)



- Cyan (89%)
- Magenta (54%)
- Yellow (0%)
- Black (28%)



- Cyan (92%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1555B7 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 1555B7 by changing the saturation by 10% instead.

■ 1555B7

■ 1555B7

FFFFFF

■ 003E9C

■ 6386F0

■ 002981

■ 81A0FF

■ 001767

■ 9FBFFF

■ 00024F

■ BDD6FF

■ 000537

■ DBF3FF

■ 000220

■ F9FFFF

■ 000005

■ 000000

■ 1555B7

■ 1555B7

■ 034AB7

■ 2760B7

■ 0048B7

■ 3A6BB7

■ 4C76B7

■ 5E81B7

■ 718CB7

■ 8397B7

■ 95A2B7

■ A7AEB7

■ BAB9B7

Harmonies

Analogous

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



0065BA



1555B7



7F3C9B

Triad

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



1555B7



9D390D



006D44

Complementary

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



1555B7



B77715

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.



00690C



1555B7



7D5000

Square

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



1555B7



AD1D3E



516000



006E77

Rectangle

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



1555B7



9C277E



516000



006C33

Sweetspot

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



1555B7



ADC6ED



15B776



516178



F7F7F7



787878

Same Dimension

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



1555B7



005EED



2515B7



53565C



003D9C



000B1C

Inverse Universe

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



B71555



ED005E



A7B715



5C5356



9C003D



1C000B

Previews

White Background



This preview shows how the Hex color 1555B7 looks on a white background.

Color Contrast Check

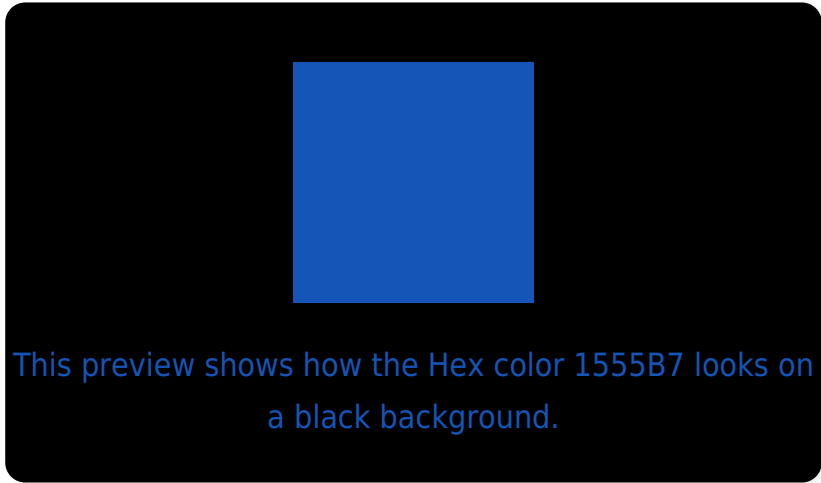
Large Text (above 18pt) WCAG AA ✓ Pass

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

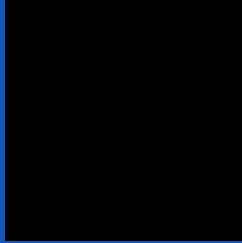
Any Text WCAG AA × Fail

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 1555B7 Background



This preview shows how black text looks on a background with the Hex color 1555B7.



This preview shows how white text looks on a background with the Hex color 1555B7.

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



Original Color
1555B7

Protanopia
0056B7

Trichromacy



Original Color
1555B7

Protanomaly
0856B7

Monochromacy



Original Color
1555B7

Achromatopsia
4D4D4D

Achromatomaly
395074

CSS Examples

Text

The CSS property to change the color of the text to Hex 1555B7 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 #1555B7 looks like.

```
.text, #text, p{  
    color:#1555B7  
}
```

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 #1555B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1555B7
}
```

Border

The CSS property to change the border of an element to Hex 1555B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

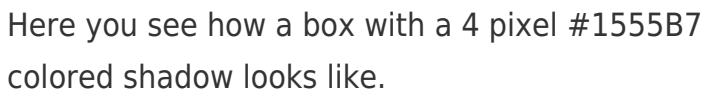
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1555B7 }
```

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

```
.border{ border-color:#1555B7 }
```

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



Here you see how a box with a 4 pixel #1555B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1555B7; -webkit-box-shadow:4px 4px  
4px 4px #1555B7; box-shadow:4px 4px 4px  
4px #1555B7 }
```

Background

The CSS property to change the background color of an element to Hex 1555B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1555B7 }
```

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

```
.background{ background-color:#1555B7 }
```

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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