

Converting Colors

Hex(1A53B1)

Have a look what the booklet for
Hex(1A53B1) contains.

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Color

Hex(1A53B1)

Conversions

Conversions Part 1

Format	Color
Hex	1A53B1
RGB	26, 83, 177
RGB Percent	10%, 33%, 69%
CMY	0.8980, 0.6745, 0.3059
CMYK	0.85, 0.53, 0.00, 0.31
HSL	217°, 74%, 40%
HSV	217°, 85%, 69%
XYZ	11.4551, 9.5804, 42.8404
YIQ	76.6730, -64.1460, 17.1500

Conversions

Conversions Part 2

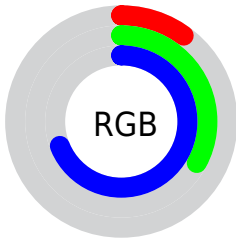
Format	Color
R_{YB}	26, 67, 177
Decimal	1725361
CIE _{Lab}	37.08, 18.19, -55.04
CIE _{LCh}	37, 57.966, 288.288
Yxy	9.5804, 0.1793, 0.1500
Android (android.graphics.Color)	4279915441 (0xFF1A53B1)
YUV	76.6730, 49.4612, -44.4402
Hunter-Lab	30.9523, 11.8942, -60.3954

Details

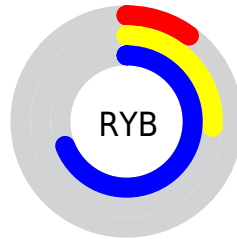
The Hex color **1A53B1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B1781A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6384E9**, and **00287B** is the 20% darker color. If you saturate the color by 10%, you get **0848B1**, and if you desaturate by 10%, it is **2C5EB1**.

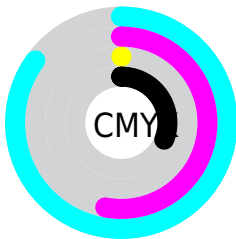
Distribution



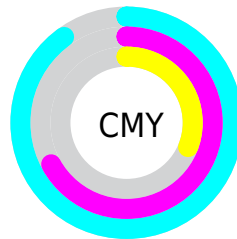
- Red (10%)
- Green (33%)
- Blue (69%)



- Red (10%)
- Yellow (26%)
- Blue (69%)



- Cyan (85%)
- Magenta (53%)
- Yellow (0%)
- Black (31%)



- Cyan (90%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A53B1 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 1A53B1 by changing the saturation by 10% instead.

■ 1A53B1

■ 1A53B1

FFFFFF

■ 003C96

■ 6384E9

■ 00287B

■ 819EFF

■ 001562

■ 9EB8FF

■ 000449

■ BCD4FF

■ 000432

■ DAF0FF

■ 00011C

■ F8FFFF

■ 000000

■ 1A53B1

■ 1A53B1

■ 0848B1

■ 2C5EB1

■ 0043B1

■ 3D69B1

■ 4F74B1

■ 617FB1

■ 728AB1

■ 8495B1

■ 96A0B1

■ A8ABB1

■ B9B6B1

Harmonies

Analogous

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



0062B4



1A53B1



7B3B96

Triad

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



1A53B1



98380F



006A43

Complementary

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



1A53B1



B1781A

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.



00660E



1A53B1



7A4F00

Square

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



1A53B1



A81F3D



505E00



006C73

Rectangle

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



1A53B1



97287B



505E00



006932

Sweetspot

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



1A53B1



AAC0E6



1AB177



4F5D73



F2F2F2



737373

Same Dimension

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



1A53B1



0057E6



2C1AB1



505459



003A99



000A1A

Inverse Universe

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



B11A53



E60057



9FB11A



595054



99003A



1A000A

Previews

White Background



This preview shows how the Hex color 1A53B1 looks on a white background.

Color Contrast Check

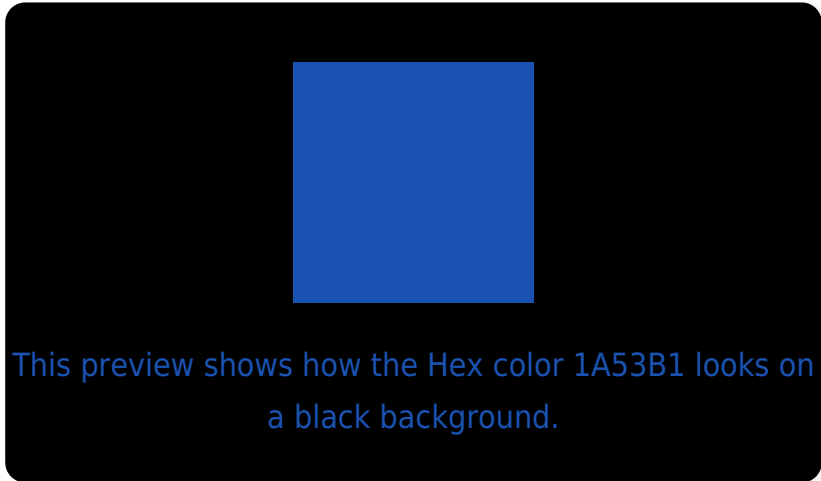
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

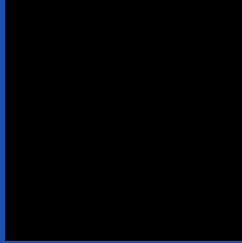
Any Text WCAG AA × Fail

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 1A53B1 Background



This preview shows how black text looks on a background with the Hex color 1A53B1.



This preview shows how white text looks on a background with the Hex color 1A53B1.

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
1A53B1

Protanopia
0954B2

Deuteranopia
00599A



Tritanopia
006167

Trichromacy



Original Color
1A53B1

Protanomaly
0F54B2

Deuteranomaly
0957A2

Tritanomaly
095C82

Monochromacy



Original Color
1A53B1

Achromatopsia
4D4D4D

Achromatomaly
3A4F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A53B1 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 #1A53B1 looks like.

```
.text, #text, p{  
    color:#1A53B1  
}
```

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 #1A53B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A53B1
}
```

Border

The CSS property to change the border of an element to Hex 1A53B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

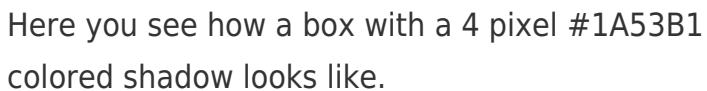
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A53B1 }
```

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

```
.border{ border-color:#1A53B1 }
```

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



Here you see how a box with a 4 pixel #1A53B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A53B1; -webkit-box-shadow:4px 4px  
4px 4px #1A53B1; box-shadow:4px 4px 4px  
4px #1A53B1 }
```

Background

The CSS property to change the background color of an element to Hex 1A53B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A53B1 }
```

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

```
.background{ background-color:#1A53B1 }
```

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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