

Converting Colors

Hex(1A53B8)

Have a look what the booklet for
Hex(1A53B8) contains.

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Color

Hex(1A53B8)

Conversions

Conversions Part 1

Format	Color
Hex	1A53B8
RGB	26, 83, 184
RGB Percent	10%, 33%, 72%
CMY	0.8980, 0.6745, 0.2784
CMYK	0.86, 0.55, 0.00, 0.28
HSL	218°, 75%, 41%
HSV	218°, 86%, 72%
XYZ	12.1710, 9.8668, 46.6104
YIQ	77.4710, -66.3930, 19.3270

Conversions

Conversions Part 2

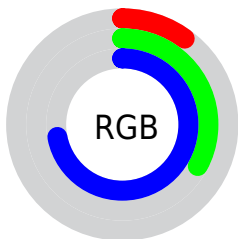
Format	Color
R_{YB}	26, 68, 184
Decimal	1725368
CIE _{Lab}	37.60, 20.97, -58.31
CIE _{LCh}	38, 61.971, 289.782
Yxy	9.8668, 0.1773, 0.1437
Android (android.graphics.Color)	4279915448 (0xFF1A53B8)
YUV	77.4710, 52.5188, -45.1401
Hunter-Lab	31.4115, 14.1932, -65.9903

Details

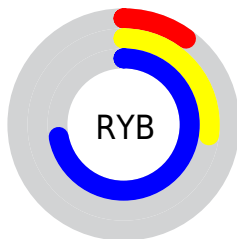
The Hex color **1A53B8** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B87F1A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6584F1**, and **002882** is the 20% darker color. If you saturate the color by 10%, you get **0847B8**, and if you desaturate by 10%, it is **2C5FB8**.

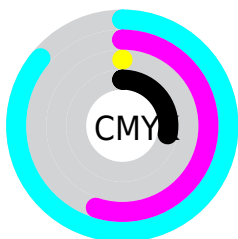
Distribution



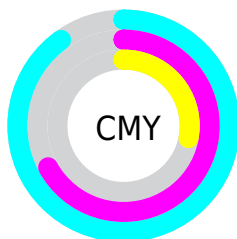
- Red (10%)
- Green (33%)
- Blue (72%)



- Red (10%)
- Yellow (27%)
- Blue (72%)



- Cyan (86%)
- Magenta (55%)
- Yellow (0%)
- Black (28%)



- Cyan (90%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A53B8 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 1A53B8 by changing the saturation by 10% instead.

■ 1A53B8

■ 1A53B8

FFFFFF

■ 003C9D

■ 6584F1

■ 002882

■ 839EFF

■ 001568

■ A1B8FF

■ 00024F

■ BFD4FF

■ 000537

■ DDF0FF

■ 000221

■ FBFFFF

■ 000006

■ 000000

■ 1A53B8

■ 1A53B8

0847B8

2C5FB8

0042B8

3F6BB8

5176B8

6482B8

768EB8

889AB8

9BA5B8

ADB1B8

C0BDB8

Harmonies

Analogous

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



0064BC



1A53B8



82389A

Triad

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



1A53B8



9C3805



006D45

Complementary

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



1A53B8



B87F1A

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.



00690B



1A53B8



7B5000

Square

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



1A53B8



AD173A



4D6000



006E79

Rectangle

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



1A53B8



9E217C



4D6000



006C33

Sweetspot

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



1A53B8



B1C8F0



1AB87E



536078



F7F7F7



787878

Same Dimension

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



1A53B8



0056F0



2F1AB8



53565C



00389C



000A1C

Inverse Universe

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



B81A53



F00056



A3B81A



5C5356



9C0038



1C000A

Previews

White Background



This preview shows how the Hex color 1A53B8 looks on a white background.

Color Contrast Check

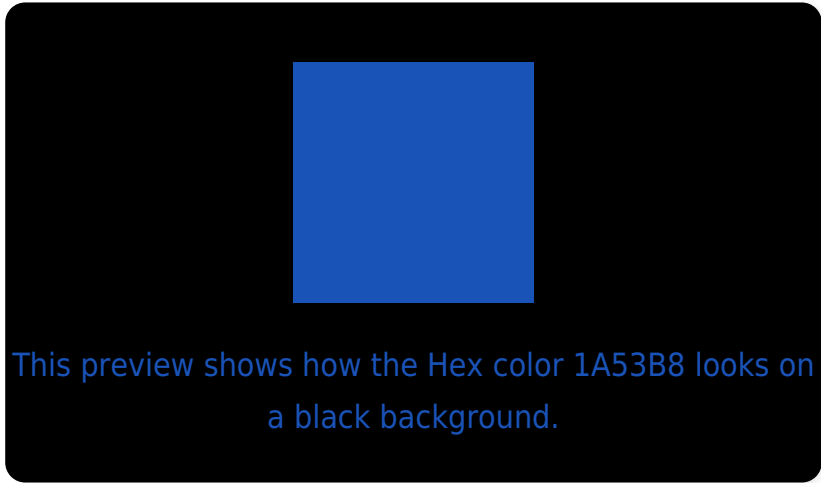
Large Text (above 18pt) WCAG AA ✓ Pass

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

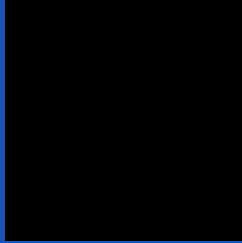
Any Text WCAG AA × Fail

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 1A53B8 Background



This preview shows how black text looks on a background with the Hex color 1A53B8.



This preview shows how white text looks on a background with the Hex color 1A53B8.

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
1A53B8

Protanopia
0055B4

Deuteranopia
005A9C

Trichromacy



Original Color
1A53B8

Protanomaly
0954B5

Deuteranomaly
0957A6

Tritanomaly
095D85

Monochromacy



Original Color
1A53B8

Achromatopsia
4D4D4D

Achromatomaly
3A4F74

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A53B8 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 #1A53B8 looks like.

```
.text, #text, p{  
    color:#1A53B8  
}
```

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 #1A53B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A53B8
}
```

Border

The CSS property to change the border of an element to Hex 1A53B8 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
#1A53B8 }
```

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

```
.border{ border-color:#1A53B8 }
```

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

Here you see how a box with a 4 pixel #1A53B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A53B8; -webkit-box-shadow:4px 4px  
4px 4px #1A53B8; box-shadow:4px 4px 4px  
4px #1A53B8 }
```

Background

The CSS property to change the background color of an element to Hex 1A53B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A53B8 }
```

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

```
.background{ background-color:#1A53B8 }
```

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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