

Converting Colors

Hex(1144AA)

Have a look what the booklet for
Hex(1144AA) contains.

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Color

Hex(1144AA)

Conversions

Conversions Part 1

Format	Color
Hex	1144AA
RGB	17, 68, 170
RGB Percent	7%, 27%, 67%
CMY	0.9333, 0.7333, 0.3333
CMYK	0.90, 0.60, 0.00, 0.33
HSL	220°, 82%, 37%
HSV	220°, 90%, 67%
XYZ	9.5540, 7.1557, 38.9078
YIQ	64.3790, -63.1380, 20.9100

Conversions

Conversions Part 2

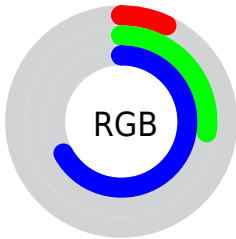
Format	Color
R_{YB}	17, 55, 170
Decimal	1131690
CIE _{Lab}	32.16, 24.90, -58.89
CIE _{LCh}	32, 63.939, 292.918
Yxy	7.1557, 0.1718, 0.1287
Android (android.graphics.Color)	4279321770 (0xFF1144AA)
YUV	64.3790, 52.0712, -41.5514
Hunter-Lab	26.7501, 16.9397, -67.5117

Details

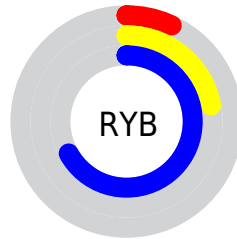
The Hex color **1144AA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **AA7711**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5E74E2**, and **001B75** is the 20% darker color. If you saturate the color by 10%, you get **0039AA**, and if you desaturate by 10%, it is **224FAA**.

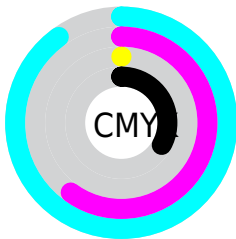
Distribution



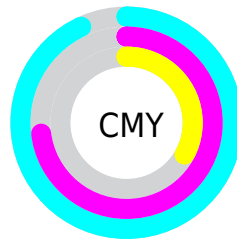
- Red (7%)
- Green (27%)
- Blue (67%)



- Red (7%)
- Yellow (22%)
- Blue (67%)



- Cyan (90%)
- Magenta (60%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1144AA 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 1144AA by changing the saturation by 10% instead.

■ 1144AA

■ 1144AA

FFFFFF

■ 002E8F

■ 5E74E2

■ 001B75

■ 7D8DFF

■ 00025B

■ 9AA7FF

■ 000743

■ B8C2FF

■ 00032C

■ D6DEFF

■ 000116

■ F4FBFF

■ 000000

■ 1144AA

■ 1144AA

■ 0039AA

■ 224FAA

■ 335BAA

■ 4466AA

■ 5571AA

■ 667DAA

■ 7788AA

■ 8893AA

■ 999FAA

■ AAAAAA

Harmonies

Analogous

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



0056B1



1144AA



7A2389

Triad

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



1144AA



8A2B00



005F3E

Complementary

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



1144AA



AA7711

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.



005C00



1144AA



674600

Square

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



1144AA



9E0028



385400



006072

Rectangle

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



1144AA



94006A



385400



005E2C

Sweetspot

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



1144AA



A2B6DE



11AA77



4C5870



F0F0F0



707070

Same Dimension

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



1144AA



004ADE



2A11AA



4C4F54



003194



000714

Inverse Universe

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



AA1144



DE004A



90AA11



544C4F



940031



140007

Previews

White Background



This preview shows how the Hex color 1144AA looks on a white background.

Color Contrast Check

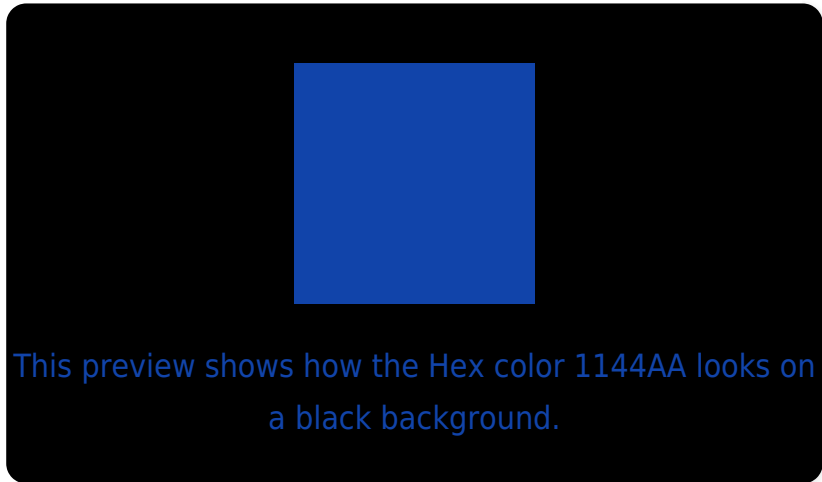
Large Text (above 18pt) WCAG AA ✓ Pass

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

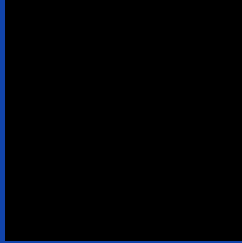
Any Text WCAG AA × Fail

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 1144AA Background



This preview shows how black text looks on a background with the Hex color 1144AA.



This preview shows how white text looks on a background with the Hex color 1144AA.

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

1144AA

Protanopia

00499A

Deuteranopia

004E84

Trichromacy



Original Color

1144AA

Protanomaly

0647A0

Deuteranomaly

064A92

Tritanomaly

064E76

Monochromacy



Original Color

1144AA

Achromatopsia

404040

Achromatomaly

2F4167

CSS Examples

Text

The CSS property to change the color of the text to Hex 1144AA 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 #1144AA looks like.

```
.text, #text, p{  
    color:#1144AA  
}
```

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 #1144AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1144AA
}
```

Border

The CSS property to change the border of an element to Hex 1144AA 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
#1144AA }
```

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

```
.border{ border-color:#1144AA }
```

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

Here you see how a box with a 4 pixel #1144AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1144AA; -webkit-box-shadow:4px 4px  
4px 4px #1144AA; box-shadow:4px 4px 4px  
4px #1144AA }
```

Background

The CSS property to change the background color of an element to Hex 1144AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1144AA }
```

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

```
.background{ background-color:#1144AA }
```

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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