

Converting Colors

Hex(1658A6)

Have a look what the booklet for
Hex(1658A6) contains.

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Color

Hex(1658A6)

Conversions

Conversions Part 1

Format	Color
Hex	1658A6
RGB	22, 88, 166
RGB Percent	9%, 35%, 65%
CMY	0.9137, 0.6549, 0.3490
CMYK	0.87, 0.47, 0.00, 0.35
HSL	213°, 77%, 37%
HSV	213°, 87%, 65%
XYZ	10.7035, 9.9032, 37.4238
YIQ	77.1580, -64.3740, 10.2660

Conversions

Conversions Part 2

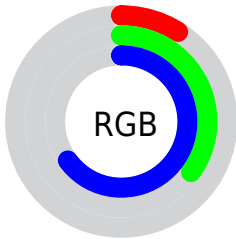
Format	Color
R_{YB}	22, 67, 166
Decimal	1464486
CIE _{Lab}	37.67, 10.13, -47.56
CIE _{LCh}	38, 48.630, 282.017
Yxy	9.9032, 0.1844, 0.1707
Android (android.graphics.Color)	4279654566 (0xFF1658A6)
YUV	77.1580, 43.7991, -48.3736
Hunter-Lab	31.4693, 5.6411, -48.4799

Details

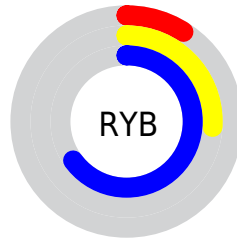
The Hex color **1658A6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A66416**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5E89DE**, and **002C71** is the 20% darker color. If you saturate the color by 10%, you get **054FA6**, and if you desaturate by 10%, it is **2761A6**.

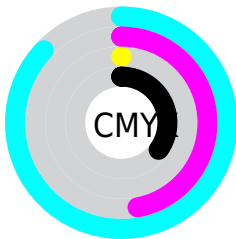
Distribution



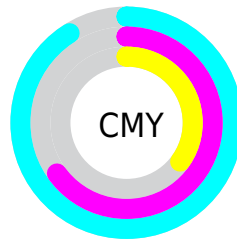
- Red (9%)
- Green (35%)
- Blue (65%)



- Red (9%)
- Yellow (26%)
- Blue (65%)



- Cyan (87%)
- Magenta (47%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1658A6 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 1658A6 by changing the saturation by 10% instead.

■ 1658A6

■ 1658A6

FFFFFF

■ 00418B

■ 5E89DE

■ 002C71

■ 7CA3FB

■ 001958

■ 99BEFF

■ 000740

■ B6DAFF

■ 000329

■ D3F6FF

■ 000113

■ F1FFFF

■ 000000

■ 1658A6

■ 1658A6

■ 054FA6

■ 2761A6

004CA6

376AA6

4873A6

587CA6

6985A6

7A8EA6

8A97A6

9BA0A6

ABA9A6

Harmonies

Analogous

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



0064A3



1658A6



6E4794

Triad

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



1658A6



963D26



00693F

Complementary

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



1658A6



A66416

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.



306518



1658A6



7E4E01

Square

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



1658A6



9F304B



5D5C00



006B68

Rectangle

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



1658A6



893A7E



5D5C00



006832

Sweetspot

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



1658A6



A0BAD9



16A663



4C5B6E



EDEDED



6E6E6E

Same Dimension

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



1658A6



0063D9



1B16A6



4C5054



004494



000914

Inverse Universe

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



A61658



D90063



A1A616



544C50



940044



140009

Previews

White Background



This preview shows how the Hex color 1658A6 looks on a white background.

Color Contrast Check

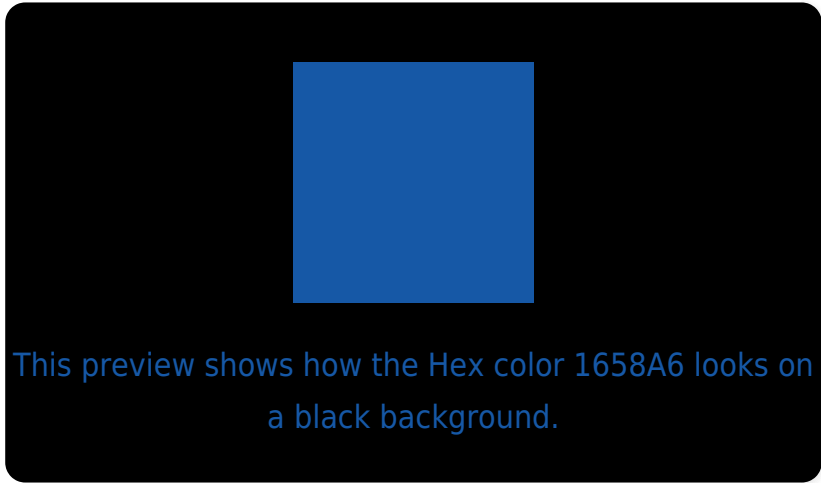
Large Text (above 18pt) WCAG AA ✓ Pass

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

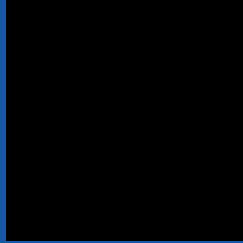
Any Text WCAG AA × Fail

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 1658A6 Background



This preview shows how black text looks on a background with the Hex color 1658A6.



This preview shows how white text looks on a background with the Hex color 1658A6.

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





Trichromacy



Original Color
1658A6

Protanomaly
2757A5

Deuteranomaly
0859A1

Tritanomaly
085E7F

Monochromacy



Original Color
1658A6

Achromatopsia
4D4D4D

Achromatomaly
39516D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1658A6 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 #1658A6 looks like.

```
.text, #text, p{  
    color:#1658A6  
}
```

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 #1658A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1658A6
}
```

Border

The CSS property to change the border of an element to Hex 1658A6 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
#1658A6 }
```

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

```
.border{ border-color:#1658A6 }
```

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

Here you see how a box with a 4 pixel #1658A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1658A6; -webkit-box-shadow:4px 4px  
4px 4px #1658A6; box-shadow:4px 4px 4px  
4px #1658A6 }
```

Background

The CSS property to change the background color of an element to Hex 1658A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1658A6 }
```

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

```
.background{ background-color:#1658A6 }
```

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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