

Converting Colors

Hex(1652A6)

Have a look what the booklet for
Hex(1652A6) contains.

Hex(1652A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1652A6)

Conversions

Conversions Part 1

Format	Color
Hex	1652A6
RGB	22, 82, 166
RGB Percent	9%, 32%, 65%
CMY	0.9137, 0.6784, 0.3490
CMYK	0.87, 0.51, 0.00, 0.35
HSL	215°, 77%, 37%
HSV	215°, 87%, 65%
XYZ	10.2311, 8.9583, 37.2663
YIQ	73.6360, -62.7240, 13.4040

Conversions

Conversions Part 2

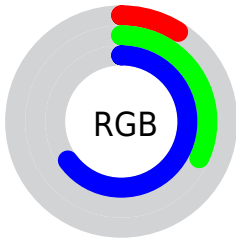
Format	Color
R_{YB}	22, 64, 166
Decimal	1462950
CIE _{Lab}	35.90, 14.12, -50.41
CIE _{LCh}	36, 52.351, 285.651
Yxy	8.9583, 0.1812, 0.1587
Android (android.graphics.Color)	4279653030 (0xFF1652A6)
YUV	73.6360, 45.5355, -45.2848
Hunter-Lab	29.9305, 8.6381, -52.8704

Details

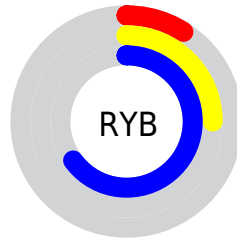
The Hex color **1652A6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A66A16**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5E83DE**, and **002771** is the 20% darker color. If you saturate the color by 10%, you get **0548A6**, and if you desaturate by 10%, it is **275CA6**.

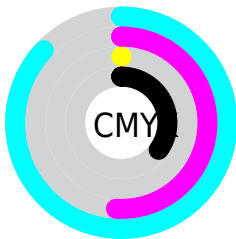
Distribution



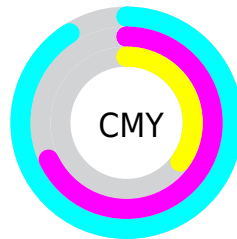
- Red (9%)
- Green (32%)
- Blue (65%)



- Red (9%)
- Yellow (25%)
- Blue (65%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1652A6 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 1652A6 by changing the saturation by 10% instead.

■ 1652A6

■ 1652A6

FFFFFF

■ 003B8B

■ 5E83DE

■ 002771

■ 7C9DFB

■ 001358

■ 99B7FF

■ 000740

■ B6D3FF

■ 000329

■ D4EFFF

■ 000113

■ F2FFFF

■ 000000

■ 1652A6

■ 1652A6

■ 0548A6

■ 275CA6

0045A6

3765A6

486FA6

5879A6

6982A6

7A8CA6

8A96A6

9B9FA6

ABA9A6

Harmonies

Analogous

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



005FA6



1652A6



713E90

Triad

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



1652A6



923819



00663E

Complementary

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



1652A6



A66A16

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.



1C6211



1652A6



774B00

Square

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



1652A6



9E2540



525900



00676A

Rectangle

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



1652A6



8C2F78



525900



006530

Sweetspot

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



1652A6



A0B8D9



16A66A



4C5A6E



EDEDED



6E6E6E

Same Dimension

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



1652A6



005AD9



2016A6



4C4F54



003E94



000914

Inverse Universe

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



A61652



D9005A



9AA616



544C4F



94003E



140008

Previews

White Background



This preview shows how the Hex color 1652A6 looks on a white background.

Color Contrast Check

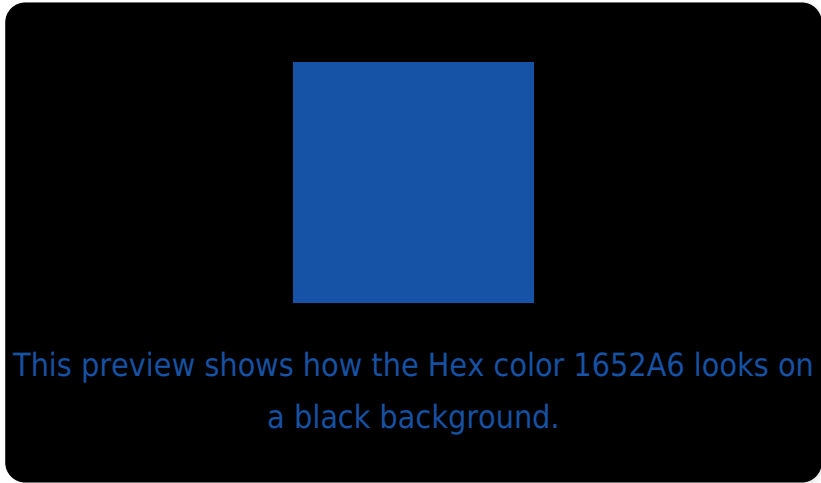
Large Text (above 18pt) WCAG AA ✓ Pass

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

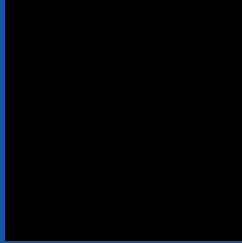
Any Text WCAG AA × Fail

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 1652A6 Background



This preview shows how black text looks on a background with the Hex color 1652A6.



This preview shows how white text looks on a background with the Hex color 1652A6.

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

1652A6

Protanopia

2051A5

Deuteranopia

005696



Tritanopia
005E64

Trichromacy



Original Color
1652A6

Protanomaly
1C51A5

Deuteranomaly
08559C

Tritanomaly
085A7C

Monochromacy



Original Color
1652A6

Achromatopsia
4A4A4A

Achromatomaly
374D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1652A6 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 #1652A6 looks like.

```
.text, #text, p{  
    color:#1652A6  
}
```

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 #1652A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1652A6
}
```

Border

The CSS property to change the border of an element to Hex 1652A6 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
#1652A6 }
```

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

```
.border{ border-color:#1652A6 }
```

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

Here you see how a box with a 4 pixel #1652A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1652A6; -webkit-box-shadow:4px 4px  
4px 4px #1652A6; box-shadow:4px 4px 4px  
4px #1652A6 }
```

Background

The CSS property to change the background color of an element to Hex 1652A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1652A6 }
```

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

```
.background{ background-color:#1652A6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor