

Converting Colors

Hex(1D6992)

Have a look what the booklet for
Hex(1D6992) contains.

Hex(1D6992)	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(1D6992)

Conversions

Conversions Part 1

Format	Color
Hex	1D6992
RGB	29, 105, 146
RGB Percent	11%, 41%, 57%
CMY	0.8863, 0.5882, 0.4275
CMYK	0.80, 0.28, 0.00, 0.43
HSL	201°, 67%, 34%
HSV	201°, 80%, 57%
XYZ	10.7466, 12.4397, 29.0288
YIQ	86.9500, -58.4570, -3.3610

Conversions

Conversions Part 2

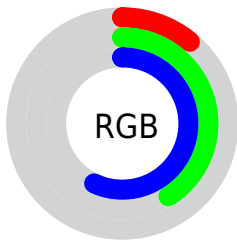
Format	Color
R _Y B	29, 75, 146
Decimal	1927570
CIE Lab	41.91, -7.82, -28.88
CIE LCh	42, 29.923, 254.849
Yxy	12.4397, 0.2058, 0.2382
Android (android.graphics.Color)	4280117650 (0xFF1D6992)
YUV	86.9500, 29.1116, -50.8222
Hunter-Lab	35.2699, -7.3343, -24.1095

Details

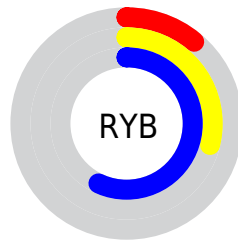
The Hex color **1D6992** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92461D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5D9CC8**, and **003A5F** is the 20% darker color. If you saturate the color by 10%, you get **0E6492**, and if you desaturate by 10%, it is **2C6E92**.

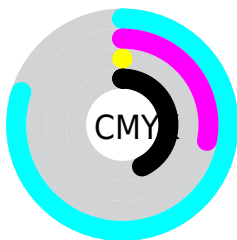
Distribution



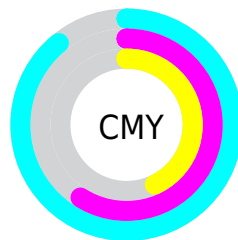
- Red (11%)
- Green (41%)
- Blue (57%)



- Red (11%)
- Yellow (29%)
- Blue (57%)



- Cyan (80%)
- Magenta (28%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (59%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D6992 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 1D6992 by changing the saturation by 10% instead.

■ 1D6992

■ 1D6992

FFFFFF

■ 005178

■ 5D9CC8

■ 003A5F

■ 79B7E4

■ 002547

■ 95D3FF

■ 001031

■ B2EFFF

■ 00011B

■ CFFFFFF

■ 000000

■ EFFFFFF

■ 1D6992

■ 1D6992

■ 0E6492

■ 2C6E92

■ 005F92

■ 3A7392

■ 497892

■ 577D92

■ 668392

■ 758892

■ 838D92

■ 929292

■ A09792

Harmonies

Analogous

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



006E85



1D6992



526192

Triad

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



1D6992



924F57



4B6B3F

Complementary

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



1D6992



92461D

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.



666532



1D6992



8D5541

Square

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



1D6992



8B5170



7D5D33



286F55

Rectangle

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



1D6992



6A5B8B



7D5D33



546A39

Sweetspot

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



1D6992



8FADBD



1D9246



43555E



DEDEDE



5E5E5E

Same Dimension

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



1D6992



087DBD



1D2F92



43474A



00598A



00070A

Inverse Universe

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



921D69



BD087D



92801D



4A4347



8A0059



0A0007

Previews

White Background



This preview shows how the Hex color 1D6992 looks on a white background.

Color Contrast Check

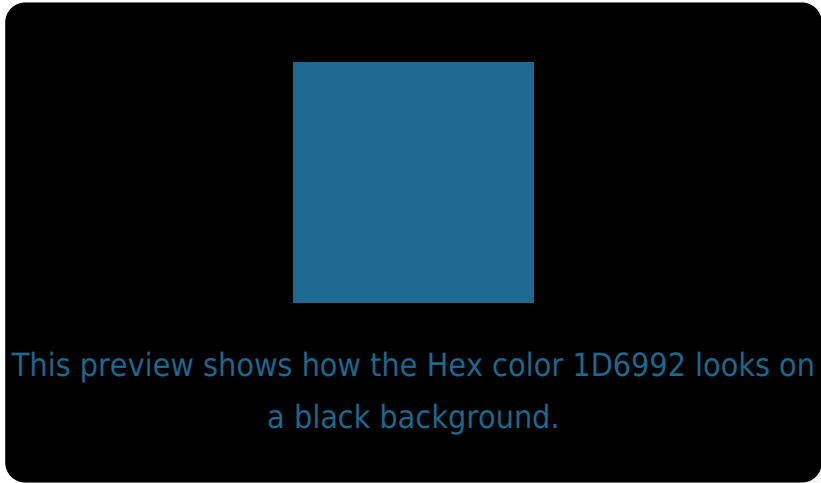
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

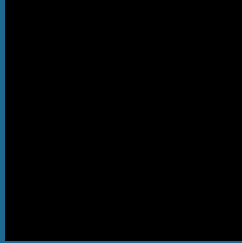
Any Text WCAG AA × Fail

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 1D6992 Background



This preview shows how black text looks on a background with the Hex color 1D6992.

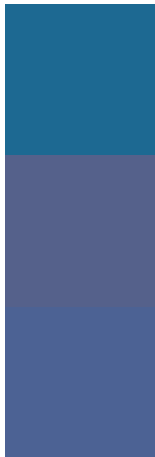


This preview shows how white text looks on a background with the Hex color 1D6992.

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
1D6992

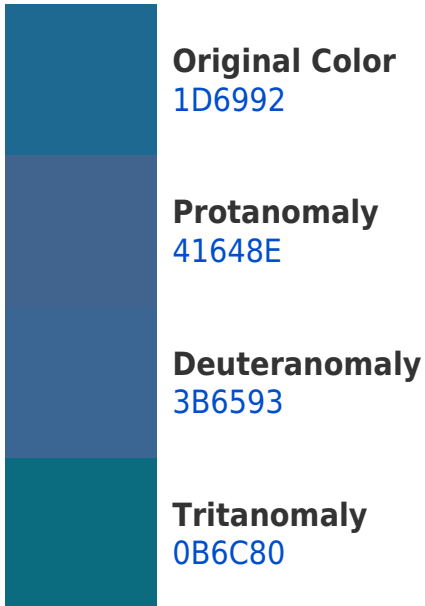
Protanopia
55618B

Deuteranopia
4C6294



Tritanopia
006D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D6992 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 #1D6992 looks like.

```
.text, #text, p{  
    color:#1D6992  
}
```

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 #1D6992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6992
}
```

Border

The CSS property to change the border of an element to Hex 1D6992 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
#1D6992 }
```

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

```
.border{ border-color:#1D6992 }
```

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

Here you see how a box with a 4 pixel #1D6992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6992; -webkit-box-shadow:4px 4px  
4px 4px #1D6992; box-shadow:4px 4px 4px  
4px #1D6992 }
```

Background

The CSS property to change the background color of an element to Hex 1D6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6992 }
```

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

```
.background{ background-color:#1D6992 }
```

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