

Converting Colors

Hex(1D7D93)

Have a look what the booklet for
Hex(1D7D93) contains.

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Color

Hex(1D7D93)

Conversions

Conversions Part 1

Format	Color
Hex	1D7D93
RGB	29, 125, 147
RGB Percent	11%, 49%, 58%
CMY	0.8863, 0.5098, 0.4235
CMYK	0.80, 0.15, 0.00, 0.42
HSL	191°, 67%, 35%
HSV	191°, 80%, 58%
XYZ	13.1068, 17.0350, 30.2011
YIQ	98.8040, -64.2780, -13.5100

Conversions

Conversions Part 2

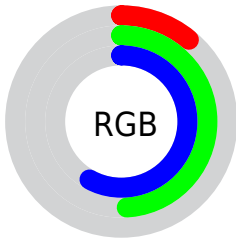
Format	Color
R_{YB}	29, 82, 147
Decimal	1932691
CIE _{Lab}	48.30, -18.85, -19.56
CIE _{LCh}	48, 27.170, 226.056
Yxy	17.0350, 0.2172, 0.2823
Android (android.graphics.Color)	4280122771 (0xFF1D7D93)
YUV	98.8040, 23.7606, -61.2181
Hunter-Lab	41.2735, -15.5444, -14.4928

Details

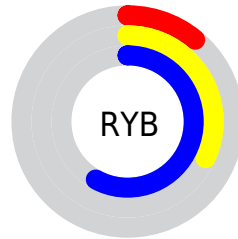
The Hex color **1D7D93** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **93331D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5FB2C9**, and **004C60** is the 20% darker color. If you saturate the color by 10%, you get **0E7A93**, and if you desaturate by 10%, it is **2C8093**.

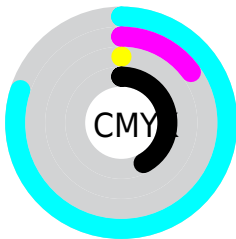
Distribution



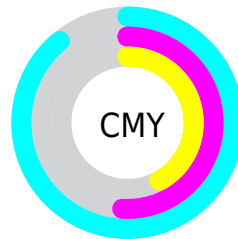
- Red (11%)
- Green (49%)
- Blue (58%)



- Red (11%)
- Yellow (32%)
- Blue (58%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7D93 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 1D7D93 by changing the saturation by 10% instead.

■ 1D7D93

■ 1D7D93

FFFFFF

■ 006479

■ 5FB2C9

■ 004C60

■ 7BCDE5

■ 003549

■ 98EAFB

■ 002032

■ B5FFFF

■ 00021D

■ D2FFFF

■ 000000

■ F0FFFF

■ 1D7D93

■ 1D7D93

■ 0E7A93

■ 2C8093

■ 007893

■ 3A8293

■ 498593

■ 588893

■ 668B93

■ 758D93

■ 849093

■ 939393

■ A19693

Harmonies

Analogous

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



217F7F



1D7D93



40789F

Triad

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



1D7D93



99627E



767546

Complementary

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



1D7D93



93331D

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.



8B6E46



1D7D93



A06167

Square

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



1D7D93



856893



9B6653



5C7B52

Rectangle

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



1D7D93



5A73A0



9B6653



7D7345

Sweetspot

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



1D7D93



91B7BF



1D9333



455C61



E0E0E0



616161

Same Dimension

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



1D7D93



089DBF



1D4293



43494A



00708A



00080A

Inverse Universe

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



931D7D



BF089D



936E1D



4A4349



8A0070



0A0008

Previews

White Background



This preview shows how the Hex color 1D7D93 looks on a white background.

Color Contrast Check

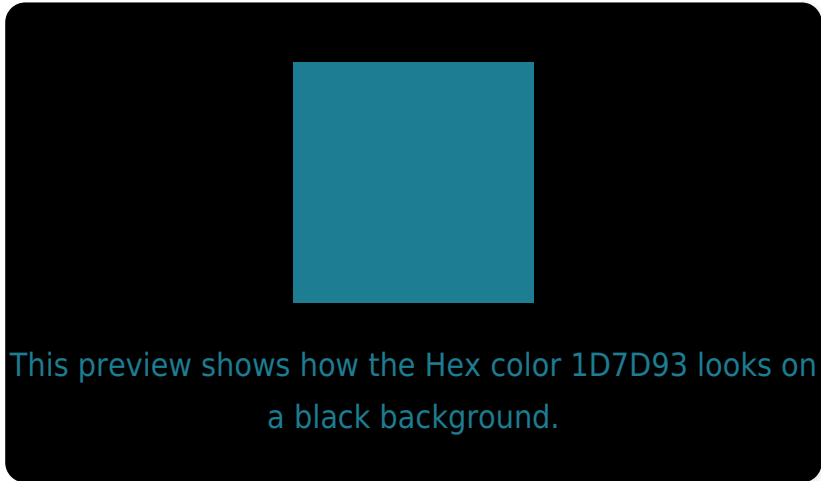
Large Text (above 18pt) WCAG AA ✓ Pass

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

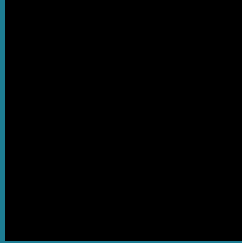
Any Text WCAG AA × Fail

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 1D7D93 Background



This preview shows how black text looks on a background with the Hex color 1D7D93.



This preview shows how white text looks on a background with the Hex color 1D7D93.

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





Tritanopia
107F89

Trichromacy



Original Color
1D7D93

Protanomaly
4F758E

Deuteranomaly
4E7595

Tritanomaly
157E8D

Monochromacy



Original Color
1D7D93

Achromatopsia
636363

Achromatomaly
4A6C74

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7D93 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 #1D7D93 looks like.

```
.text, #text, p{  
    color:#1D7D93  
}
```

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 #1D7D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7D93
}
```

Border

The CSS property to change the border of an element to Hex 1D7D93 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
#1D7D93 }
```

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

```
.border{ border-color:#1D7D93 }
```

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

Here you see how a box with a 4 pixel #1D7D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7D93; -webkit-box-shadow:4px 4px  
4px 4px #1D7D93; box-shadow:4px 4px 4px  
4px #1D7D93 }
```

Background

The CSS property to change the background color of an element to Hex 1D7D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7D93 }
```

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

```
.background{ background-color:#1D7D93 }
```

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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