

Converting Colors

Hex(1970B2)

Have a look what the booklet for
Hex(1970B2) contains.

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Color

Hex(1970B2)

Conversions

Conversions Part 1

Format	Color
Hex	1970B2
RGB	25, 112, 178
RGB Percent	10%, 44%, 70%
CMY	0.9020, 0.5608, 0.3020
CMYK	0.86, 0.37, 0.00, 0.30
HSL	206°, 75%, 40%
HSV	206°, 86%, 70%
XYZ	14.2310, 15.0094, 44.2665
YIQ	93.5110, -73.0380, 2.0820

Conversions

Conversions Part 2

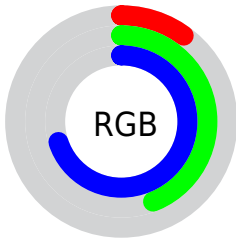
Format	Color
R_{YB}	25, 80, 178
Decimal	1667250
CIE _{Lab}	45.65, -0.22, -41.87
CIE _{LCh}	46, 41.874, 269.702
Yxy	15.0094, 0.1936, 0.2042
Android (android.graphics.Color)	4279857330 (0xFF1970B2)
YUV	93.5110, 41.6531, -60.0841
Hunter-Lab	38.7419, -2.2305, -40.6254

Details

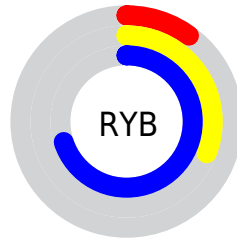
The Hex color **1970B2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B25B19**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **62A3EA**, and **00417D** is the 20% darker color. If you saturate the color by 10%, you get **0768B2**, and if you desaturate by 10%, it is **2B78B2**.

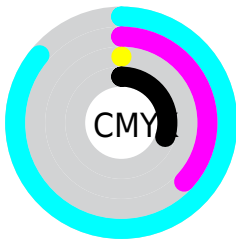
Distribution



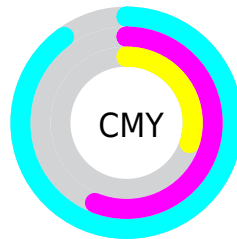
- Red (10%)
- Green (44%)
- Blue (70%)



- Red (10%)
- Yellow (31%)
- Blue (70%)



- Cyan (86%)
- Magenta (37%)
- Yellow (0%)
- Black (30%)



- Cyan (90%)
- Magenta (56%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1970B2 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 1970B2 by changing the saturation by 10% instead.

■ 1970B2

■ 1970B2

FFFFFF

■ 005897

■ 62A3EA

■ 00417D

■ 80BEFF

■ 002B63

■ 9EDAFF

■ 00174B

■ BBF6FF

■ 000434

■ D9FFFF

■ 00021E

■ F7FFFF

■ 000000

■ 1970B2

■ 1970B2

■ 0768B2

■ 2B78B2

■ 0065B2

■ 3D7FB2

■ 4E87B2

■ 608FB2

■ 7296B2

■ 849EB2

■ 96A6B2

■ A7ADB2

■ B9B5B2

Harmonies

Analogous

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



0079A8



1970B2



6D63A9

Triad

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



1970B2



AB514B



2C7A47

Complementary

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



1970B2



B25B19

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.



5D742C



1970B2



9B5D30

Square

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



1970B2



AA4D6E



806A22



007D6B

Rectangle

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



1970B2



8B599A



806A22



3F793D

Sweetspot

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



1970B2



ACCEE8



19B259



516675



F5F5F5



757575

Same Dimension

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



1970B2



0084E8



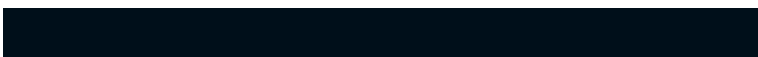
1926B2



505559



005799



000F1A

Inverse Universe

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



B21970



E80084



B2A519



595055



990057



1A000E

Previews

White Background



This preview shows how the Hex color 1970B2 looks on a white background.

Color Contrast Check

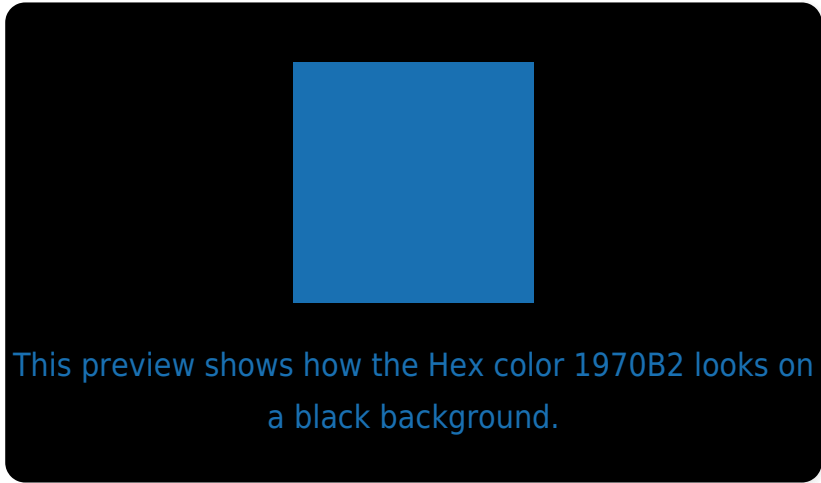
Large Text (above 18pt) WCAG AA ✓ Pass

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

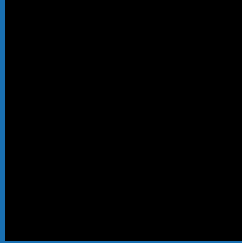
Any Text WCAG AA × Fail

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 1970B2 Background



This preview shows how black text looks on a background with the Hex color 1970B2.

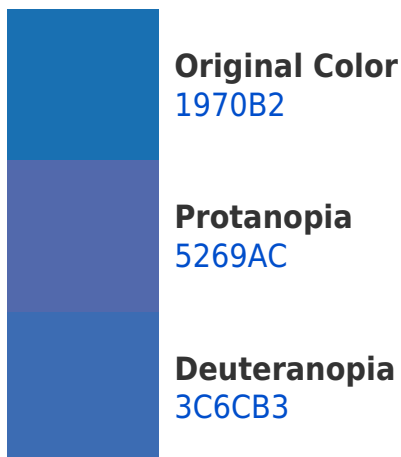


This preview shows how white text looks on a background with the Hex color 1970B2.

Color Blindness Simulation

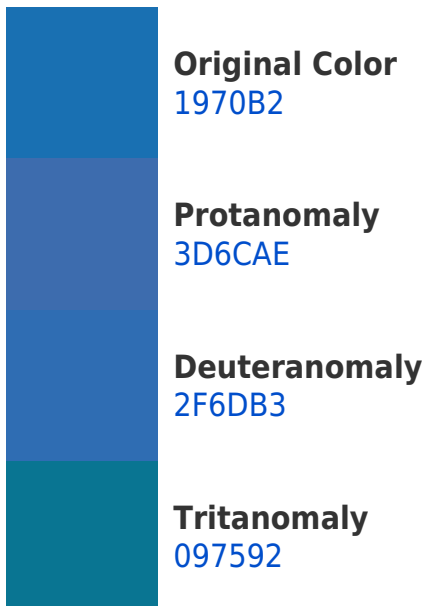
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1970B2 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 #1970B2 looks like.

```
.text, #text, p{  
    color:#1970B2  
}
```

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 #1970B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1970B2
}
```

Border

The CSS property to change the border of an element to Hex 1970B2 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
#1970B2 }
```

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

```
.border{ border-color:#1970B2 }
```

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

Here you see how a box with a 4 pixel #1970B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1970B2; -webkit-box-shadow:4px 4px  
4px 4px #1970B2; box-shadow:4px 4px 4px  
4px #1970B2 }
```

Background

The CSS property to change the background color of an element to Hex 1970B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1970B2 }
```

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

```
.background{ background-color:#1970B2 }
```

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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