

Converting Colors

Hex(1662AD)

Have a look what the booklet for
Hex(1662AD) contains.

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Color

Hex(1662AD)

Conversions

Conversions Part 1

Format	Color
Hex	1662AD
RGB	22, 98, 173
RGB Percent	9%, 38%, 68%
CMY	0.9137, 0.6157, 0.3216
CMYK	0.87, 0.43, 0.00, 0.32
HSL	210°, 77%, 38%
HSV	210°, 87%, 68%
XYZ	12.2414, 11.9231, 41.1914
YIQ	83.8260, -69.3710, 7.2130

Conversions

Conversions Part 2

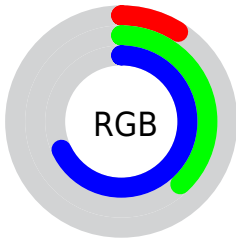
Format	Color
R _Y B	22, 73, 173
Decimal	1467053
CIE Lab	41.09, 6.41, -46.21
CIE LCh	41, 46.653, 277.898
Yxy	11.9231, 0.1873, 0.1824
Android (android.graphics.Color)	4279657133 (0xFF1662AD)
YUV	83.8260, 43.9628, -54.2214
Hunter-Lab	34.5298, 2.8541, -46.5575

Details

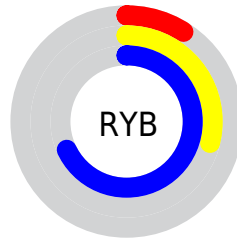
The Hex color **1662AD** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AD6116**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6094E5**, and **003578** is the 20% darker color. If you saturate the color by 10%, you get **0559AD**, and if you desaturate by 10%, it is **276BAD**.

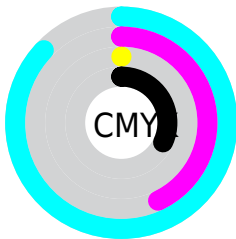
Distribution



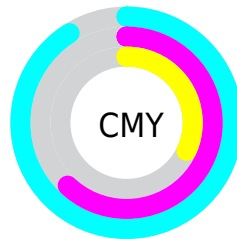
- Red (9%)
- Green (38%)
- Blue (68%)



- Red (9%)
- Yellow (29%)
- Blue (68%)



- Cyan (87%)
- Magenta (43%)
- Yellow (0%)
- Black (32%)



- Cyan (91%)
- Magenta (62%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1662AD 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 1662AD by changing the saturation by 10% instead.

■ 1662AD

■ 1662AD

FFFFFF

■ 004B92

■ 6094E5

■ 003578

■ 7EAFFF

■ 00205F

■ 9BCAFF

■ 000747

■ B8E6FF

■ 00042F

■ D6FFFF

■ 00011A

■ F4FFFF

■ 000000

■ 1662AD

■ 1662AD

■ 0559AD

■ 276BAD

■ 0057AD

■ 3973AD

■ 4A7CAD

■ 5B84AD

■ 6D8DAD

■ 7E96AD

■ 8F9EAD

■ A0A7AD

■ B2AFAD

Harmonies

Analogous

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



006DA8



1662AD



6F529E

Triad

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



1662AD



A04534



007143

Complementary

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



1662AD



AD6116

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.



426C1F



1662AD



8B5415

Square

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



1662AD



A63B58



6B6207



00736A

Rectangle

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



1662AD



8C478A



6B6207



147036

Sweetspot

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



1662AD



A6C3E0



16AD5F



4D5F70



F0F0F0



707070

Same Dimension

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



1662AD



0071E0



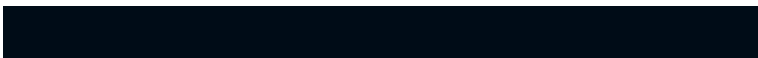
1619AD



4E5257



004C96



000C17

Inverse Universe

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



AD1662



E00071



ADAA16



574E52



96004C



17000C

Previews

White Background



This preview shows how the Hex color 1662AD looks on a white background.

Color Contrast Check

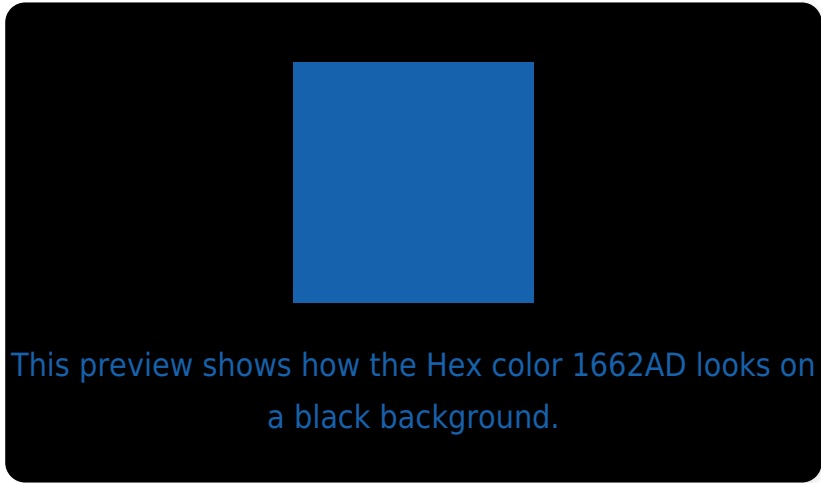
Large Text (above 18pt) WCAG AA ✓ Pass

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

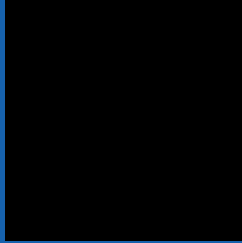
Any Text WCAG AA × Fail

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 1662AD Background



This preview shows how black text looks on a background with the Hex color 1662AD.

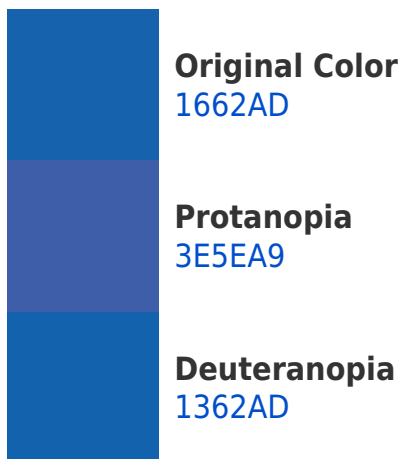


This preview shows how white text looks on a background with the Hex color 1662AD.

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](#).

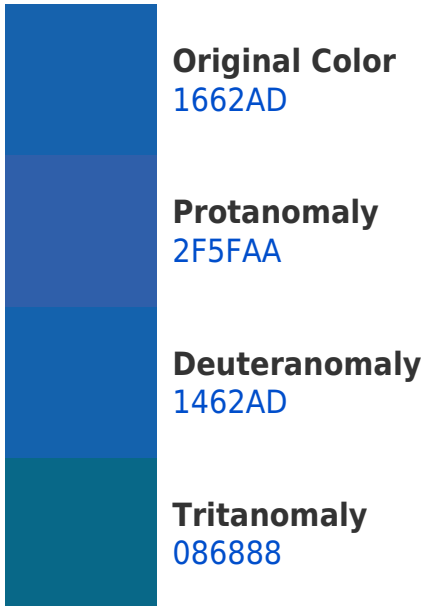
Dichromacy



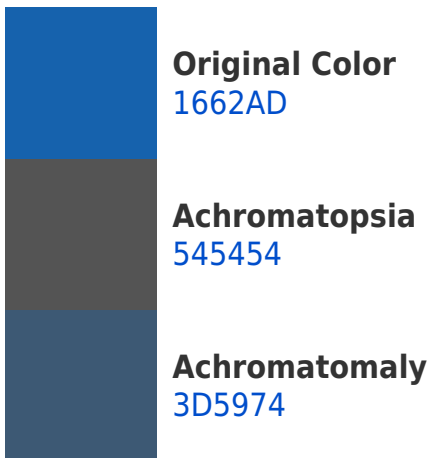


Tritanopia
006B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1662AD 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 #1662AD looks like.

```
.text, #text, p{  
    color:#1662AD  
}
```

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 #1662AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1662AD
}
```

Border

The CSS property to change the border of an element to Hex 1662AD 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
#1662AD }
```

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

```
.border{ border-color:#1662AD }
```

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

Here you see how a box with a 4 pixel #1662AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1662AD; -webkit-box-shadow:4px 4px  
4px 4px #1662AD; box-shadow:4px 4px 4px  
4px #1662AD }
```

Background

The CSS property to change the background color of an element to Hex 1662AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1662AD }
```

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

```
.background{ background-color:#1662AD }
```

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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