

Converting Colors

Hex(162A62)

Have a look what the booklet for
Hex(162A62) contains.

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Color

Hex(162A62)

Conversions

Conversions Part 1

Format	Color
Hex	162A62
RGB	22, 42, 98
RGB Percent	9%, 16%, 38%
CMY	0.9137, 0.8353, 0.6157
CMYK	0.78, 0.57, 0.00, 0.62
HSL	224°, 63%, 24%
HSV	224°, 78%, 38%
XYZ	3.3634, 2.7083, 11.9008
YIQ	42.4040, -29.8960, 13.1760

Conversions

Conversions Part 2

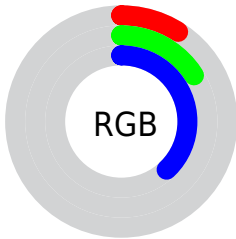
Format	Color
R_{YB}	22, 38, 98
Decimal	1452642
CIE _{Lab}	18.84, 14.00, -35.56
CIE _{LCh}	19, 38.219, 291.488
Yxy	2.7083, 0.1871, 0.1507
Android (android.graphics.Color)	4279642722 (0xFF162A62)
YUV	42.4040, 27.4088, -17.8943
Hunter-Lab	16.4570, 7.6815, -31.3551

Details

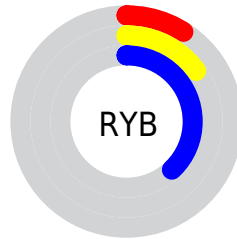
The Hex color **162A62** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **624E16**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4D5795**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **0C2362**, and if you desaturate by 10%, it is **203162**.

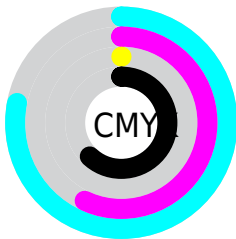
Distribution



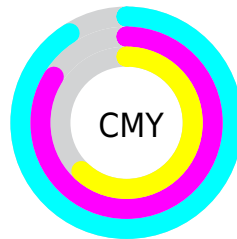
- Red (9%)
- Green (16%)
- Blue (38%)



- Red (9%)
- Yellow (15%)
- Blue (38%)



- Cyan (78%)
- Magenta (57%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (84%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162A62 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 162A62 by changing the saturation by 10% instead.



162A62



162A62

FFFFFF



00164A



4D5795



000033



686FB0



00021D



8288CC



000000



9DA3E8



B9BEFF



D6D9FF



F3F6FF



162A62



162A62

■ 0C2362

■ 203162

■ 021C62

■ 2A3862

■ 001A62

■ 334062

■ 3D4762

■ 474E62

■ 515562

■ 5B5D62

■ 646462

■ 6E6B62

Harmonies

Analogous

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



003465



162A62



471B51

Triad

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



162A62



531D00



003925

Complementary

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



162A62



624E16

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.



003705



162A62



402A00

Square

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



162A62



5D0D1B



273200



003A41

Rectangle

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



162A62



561040



273200



00391B

Sweetspot

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



162A62



626A80



16624E



2E3340



BFBFBF



404040

Same Dimension

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



162A62



092880



281662



2C2D30



001E70



003FF0

Inverse Universe

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



62162A



800928



506216



302C2D



70001E



F0003F

Previews

White Background



This preview shows how the Hex color 162A62 looks on a white background.

Color Contrast Check

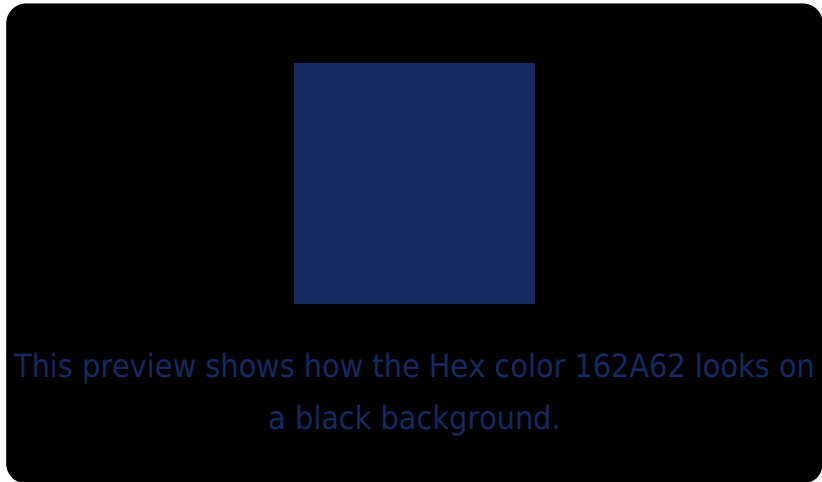
Large Text (above 18pt) WCAG AA ✓ Pass

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

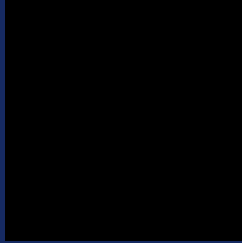
Any Text WCAG AA × Fail

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 162A62 Background



This preview shows how black text looks on a background with the Hex color 162A62.



This preview shows how white text looks on a background with the Hex color 162A62.

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
162A62

Protanopia
002C5E

Deuteranopia
002F51

Trichromacy



Original Color
162A62

Protanomaly
082B5F

Deuteranomaly
082D57

Tritanomaly
083047

Monochromacy



Original Color
162A62

Achromatopsia
2A2A2A

Achromatomaly
232A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 162A62 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 #162A62 looks like.

```
.text, #text, p{  
    color:#162A62  
}
```

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 #162A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162A62
}
```

Border

The CSS property to change the border of an element to Hex 162A62 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
#162A62 }
```

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

```
.border{ border-color:#162A62 }
```

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

Here you see how a box with a 4 pixel #162A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162A62; -webkit-box-shadow:4px 4px  
4px 4px #162A62; box-shadow:4px 4px 4px  
4px #162A62 }
```

Background

The CSS property to change the background color of an element to Hex 162A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162A62 }
```

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

```
.background{ background-color:#162A62 }
```

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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