

Converting Colors

Hex(172E62)

Have a look what the booklet for
Hex(172E62) contains.

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Color

Hex(172E62)

Conversions

Conversions Part 1

Format	Color
Hex	172E62
RGB	23, 46, 98
RGB Percent	9%, 18%, 38%
CMY	0.9098, 0.8196, 0.6157
CMYK	0.77, 0.53, 0.00, 0.62
HSL	222°, 62%, 24%
HSV	222°, 77%, 38%
XYZ	3.5349, 3.0180, 11.9515
YIQ	45.0510, -30.4000, 11.2960

Conversions

Conversions Part 2

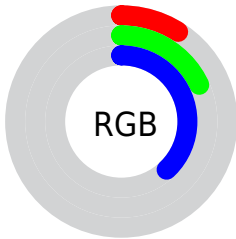
Format	Color
R_{YB}	23, 41, 98
Decimal	1519202
CIE _{Lab}	20.12, 11.23, -33.49
CIE _{LCh}	20, 35.323, 288.532
Yxy	3.0180, 0.1910, 0.1631
Android (android.graphics.Color)	4279709282 (0xFF172E62)
YUV	45.0510, 26.1039, -19.3387
Hunter-Lab	17.3724, 5.9198, -28.6285

Details

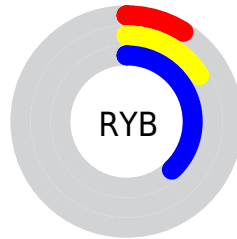
The Hex color **172E62** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **624B17**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4E5B95**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **0D2762**, and if you desaturate by 10%, it is **213562**.

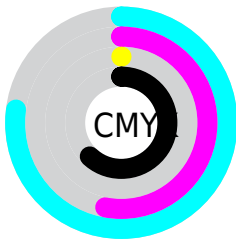
Distribution



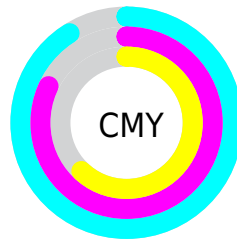
- Red (9%)
- Green (18%)
- Blue (38%)



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



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (62%)



- Cyan (91%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172E62 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 172E62 by changing the saturation by 10% instead.

■ 172E62

■ 172E62

FFFFFF

■ 001A4A

■ 4E5B95

■ 000033

■ 6874B0

■ 00021D

■ 828DCC

■ 000000

■ 9EA8E8

■ B9C3FF

■ D6DFFF

■ F3FBFF

■ 172E62

■ 172E62

■ 0D2762

■ 213562

■ 032062

■ 2B3C62

■ 001E62

■ 344262

■ 3E4962

■ 485062

■ 525762

■ 5C5E62

■ 656462

■ 6F6B62

Harmonies

Analogous

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



003763



172E62



452253

Triad

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



172E62



562008



003C25

Complementary

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



172E62



624B17

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.



09390A



172E62



452C00

Square

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



172E62



5E1522



2E3400



003C40

Rectangle

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



172E62



551944



2E3400



003B1C

Sweetspot

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



172E62



626B80



17624A



2E3340



BFBFBF



404040

Same Dimension

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



172E62



0A2E80



251762



2C2D30



002270



004AF0

Inverse Universe

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



62172E



800A2E



546217



302C2D



700022



F0004A

Previews

White Background



This preview shows how the Hex color 172E62 looks on a white background.

Color Contrast Check

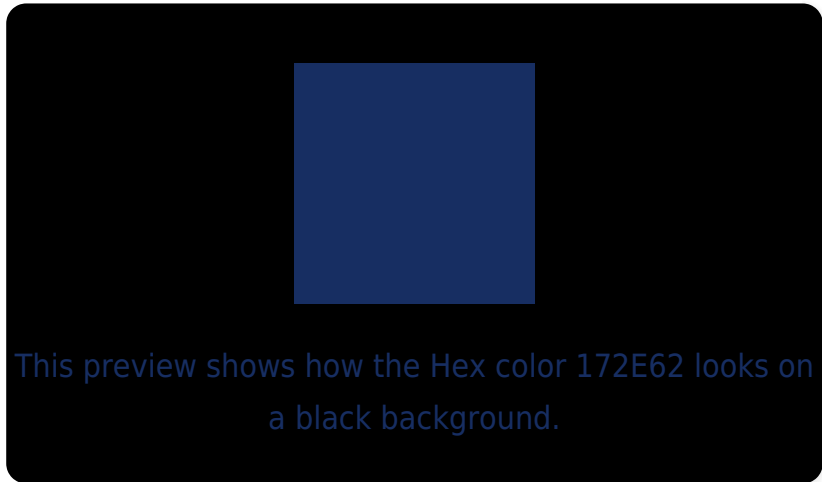
Large Text (above 18pt) WCAG AA ✓ Pass

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

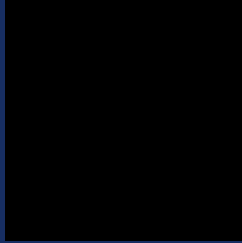
Any Text WCAG AA × Fail

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 172E62 Background



This preview shows how black text looks on a background with the Hex color 172E62.



This preview shows how white text looks on a background with the Hex color 172E62.

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
172E62

Protanopia
092F63

Deuteranopia
003257



Tritanopia
00363A

Trichromacy



Original Color
172E62

Protanomaly
0E2F63

Deuteranomaly
08315B

Tritanomaly
083349

Monochromacy



Original Color
172E62

Achromatopsia
2D2D2D

Achromatomaly
252D40

CSS Examples

Text

The CSS property to change the color of the text to Hex 172E62 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 #172E62 looks like.

```
.text, #text, p{  
    color:#172E62  
}
```

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 #172E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172E62
}
```

Border

The CSS property to change the border of an element to Hex 172E62 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
#172E62 }
```

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

```
.border{ border-color:#172E62 }
```

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

Here you see how a box with a 4 pixel #172E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172E62; -webkit-box-shadow:4px 4px  
4px 4px #172E62; box-shadow:4px 4px 4px  
4px #172E62 }
```

Background

The CSS property to change the background color of an element to Hex 172E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172E62 }
```

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

```
.background{ background-color:#172E62 }
```

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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