

Converting Colors

Hex(162D21)

Have a look what the booklet for
Hex(162D21) contains.

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Color

Hex(162D21)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 162D21 |
| RGB | 22, 45, 33 |
| RGB Percent | 9%, 18%, 13% |
| CMY | 0.9137, 0.8235, 0.8706 |
| CMYK | 0.51, 0.00, 0.27, 0.82 |
| HSL | 149°, 34%, 13% |
| HSV | 149°, 51%, 18% |
| XYZ | 1.5438, 2.1572, 1.7738 |
| YIQ | 36.7550, -9.8560, -8.6080 |

Conversions

Conversions Part 2

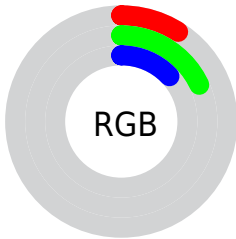
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 22, 38, 45 |
| Decimal | 1453345 |
| CIE _{Lab} | 16.29, -12.56, 4.97 |
| CIE _{LCh} | 16, 13.510, 158.399 |
| Yxy | 2.1572, 0.2820, 0.3940 |
| Android (android.graphics.Color) | 4279643425 (0xFF162D21) |
| YUV | 36.7550, -1.8512, -12.9401 |
| Hunter-Lab | 14.6872, -6.9405, 3.1203 |

Details

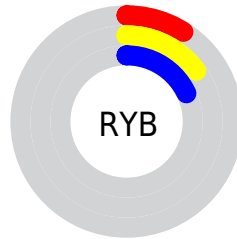
The Hex color **162D21** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D1622**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **425B4D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **112D1F**, and if you desaturate by 10%, it is **1A2D23**.

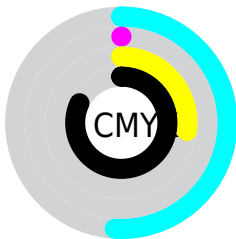
Distribution



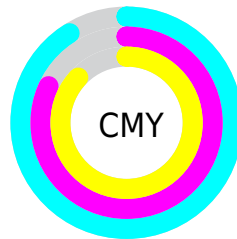
- Red (9%)
- Green (18%)
- Blue (13%)



- Red (9%)
- Yellow (15%)
- Blue (18%)



- Cyan (51%)
- Magenta (0%)
- Yellow (27%)
- Black (82%)




- Cyan (91%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162D21 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 162D21 by changing the saturation by 10% instead.

 162D21

 162D21

 FBFFFF

 00190A

 425B4D

 000000

 5A7365

 738D7E

 8CA898

 A7C3B3

 C2DFCE

 DEFBEA

 162D21

 162D21

■ 112D1F

■ 1A2D23

■ 0D2D1C

■ 1F2D26

■ 092D1A

■ 232D28

■ 042D18

■ 282D2A

■ 002D16

■ 2D2D2D

■ 312D2F

■ 352D31

■ 3A2D34

■ 3F2D36

Harmonies

Analogous

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



222B19



162D21



0A2E2B

Triad

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



162D21



1F283B



3A221D

Complementary

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



162D21



2D1622

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.



3B2126



162D21



2D2537

Square

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



162D21



0F2B3A



372230



352517

Rectangle

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



162D21



052D31



372230



3B2220

Sweetspot

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



162D21



323B36



222D16



191F1C



9E9E9E



1F1F1F

Same Dimension

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



162D21



173B28



162D2C



151716



005729



00D666

Inverse Universe

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



2D1622



3B172A



2D1617



171516



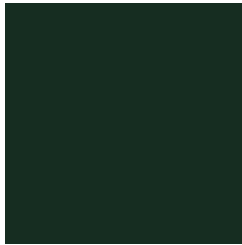
57002D



D60070

Previews

White Background



This preview shows how the Hex color 162D21 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

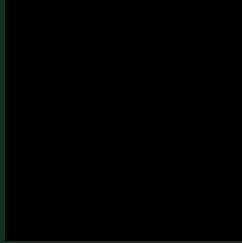
Any Text WCAG AA × Fail

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 162D21 Background



This preview shows how black text looks on a background with the Hex color 162D21.



This preview shows how white text looks on a background with the Hex color 162D21.

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
162D21

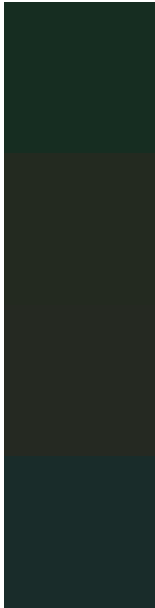
Protanopia
2B281F

Deuteranopia
2E2722



Tritanopia
1A2B2F

Trichromacy



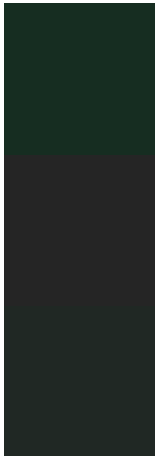
Original Color
162D21

Protanomaly
232A20

Deuteranomaly
252922

Tritanomaly
192C2A

Monochromacy



Original Color
162D21

Achromatopsia
252525

Achromatomaly
202824

CSS Examples

Text

The CSS property to change the color of the text to Hex 162D21 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 #162D21 looks like.

```
.text, #text, p{  
    color:#162D21  
}
```

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 #162D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162D21
}
```

Border

The CSS property to change the border of an element to Hex 162D21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

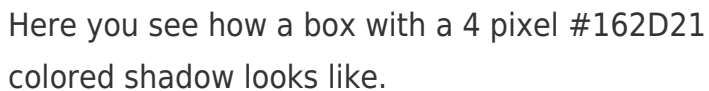
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#162D21 }
```

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

```
.border{ border-color:#162D21 }
```

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



Here you see how a box with a 4 pixel #162D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162D21; -webkit-box-shadow:4px 4px  
4px 4px #162D21; box-shadow:4px 4px 4px  
4px #162D21 }
```

Background

The CSS property to change the background color of an element to Hex 162D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162D21 }
```

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

```
.background{ background-color:#162D21 }
```

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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