

Converting Colors

Hex(12362B)

Have a look what the booklet for
Hex(12362B) contains.

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Color

Hex(12362B)

Conversions

Conversions Part 1

Format	Color
Hex	12362B
RGB	18, 54, 43
RGB Percent	7%, 21%, 17%
CMY	0.9294, 0.7882, 0.8314
CMYK	0.67, 0.00, 0.20, 0.79
HSL	162°, 50%, 14%
HSV	162°, 67%, 21%
XYZ	2.0047, 2.9413, 2.7476
YIQ	41.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

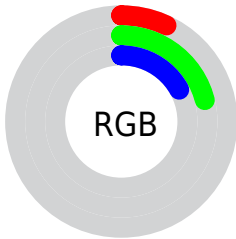
Format	Color
R_{YB}	18, 39, 54
Decimal	1193515
CIE _{Lab}	19.81, -16.20, 3.07
CIE _{LCh}	20, 16.486, 169.252
Yxy	2.9413, 0.2606, 0.3823
Android (android.graphics.Color)	4279383595 (0xFF12362B)
YUV	41.9820, 0.5019, -21.0322
Hunter-Lab	17.1504, -9.1487, 2.5067

Details

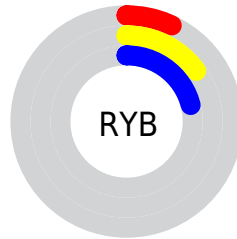
The Hex color **12362B** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36121D**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **416558**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D3629**, and if you desaturate by 10%, it is **17362D**.

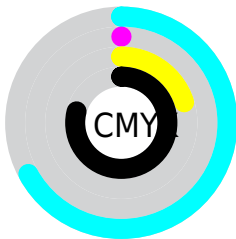
Distribution



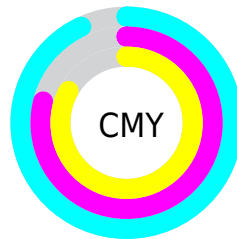
- Red (7%)
- Green (21%)
- Blue (17%)



- Red (7%)
- Yellow (15%)
- Blue (21%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (79%)




- Cyan (93%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12362B 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 12362B by changing the saturation by 10% instead.

 12362B

 12362B

 FBFFFF

 002117

 416558

 000000

 597E71

 72988A

 8CB3A4

 A7CFC0

 C2EBDB

 DEFFF8

 12362B

 12362B

■ 0D3629

■ 17362D

■ 073628

■ 1D362E

■ 023626

■ 223630

■ 003626

■ 283632

■ 2D3633

■ 323635

■ 383637

■ 3D3638

■ 43363A

Harmonies

Analogous

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



223420



12362B



003637

Triad

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



12362B



2B2E47



442A1E

Complementary

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



12362B



36121D

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.



472729



12362B



3B2A40

Square

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



12362B



163247



442735



3C2E18

Rectangle

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



12362B



00363F



442735



462821

Sweetspot

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



12362B



394743



1D3612



1B2421



A3A3A3



242424

Same Dimension

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



12362B



0E4736



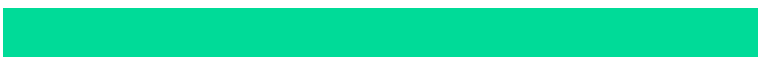
122F36



191C1B



005C40



00DB98

Inverse Universe

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



36121D



470E20



361912



1C191A



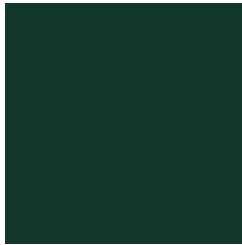
5C001C



DB0043

Previews

White Background



This preview shows how the Hex color 12362B looks on a white background.

Color Contrast Check

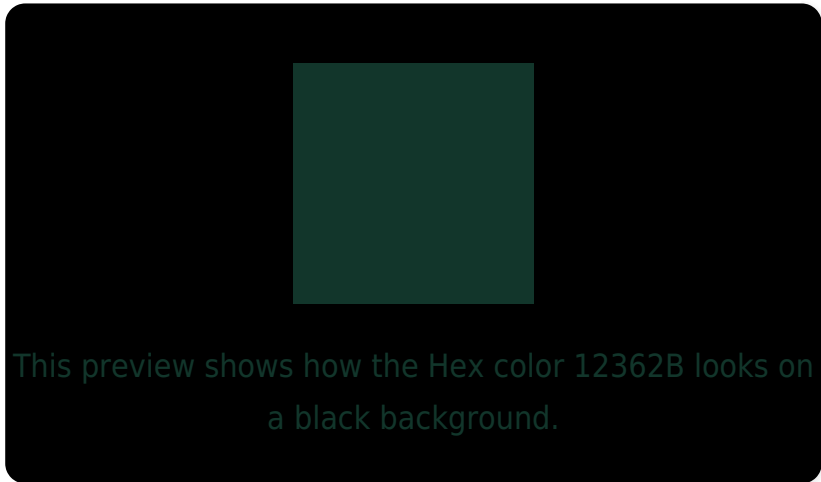
Large Text (above 18pt) WCAG AA ✓ Pass

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

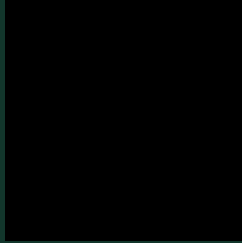
Any Text WCAG AA × Fail

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 12362B Background



This preview shows how black text looks on a background with the Hex color 12362B.



This preview shows how white text looks on a background with the Hex color 12362B.

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](#).

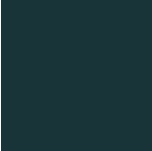
Dichromacy



Original Color
12362B

Protanopia
333028

Deuteranopia
362E2D



Tritanopia
183438

Trichromacy



Original Color
12362B

Protanomaly
273229

Deuteranomaly
29312C

Tritanomaly
163533

Monochromacy



Original Color
12362B

Achromatopsia
2A2A2A

Achromatomaly
212E2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 12362B 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 #12362B looks like.

```
.text, #text, p{  
    color:#12362B  
}
```

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 #12362B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12362B
}
```

Border

The CSS property to change the border of an element to Hex 12362B 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
#12362B }
```

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

```
.border{ border-color:#12362B }
```

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

Here you see how a box with a 4 pixel #12362B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12362B; -webkit-box-shadow:4px 4px  
4px 4px #12362B; box-shadow:4px 4px 4px  
4px #12362B }
```

Background

The CSS property to change the background color of an element to Hex 12362B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12362B }
```

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

```
.background{ background-color:#12362B }
```

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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