

Converting Colors

Hex(21362F)

Have a look what the booklet for
Hex(21362F) contains.

| | |
|--|----|
| Hex(21362F) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(21362F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 21362F |
| RGB | 33, 54, 47 |
| RGB Percent | 13%, 21%, 18% |
| CMY | 0.8706, 0.7882, 0.8157 |
| CMYK | 0.39, 0.00, 0.13, 0.79 |
| HSL | 160°, 24%, 17% |
| HSV | 160°, 39%, 21% |
| XYZ | 2.4595, 3.1669, 3.1710 |
| YIQ | 46.9230, -10.2690, -6.6290 |

Conversions

Conversions Part 2

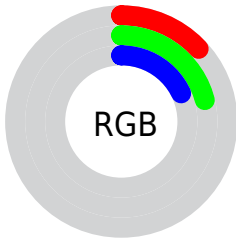
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 33, 46, 54 |
| Decimal | 2176559 |
| CIE _{Lab} | 20.70, -10.30, 1.74 |
| CIE _{LCh} | 21, 10.448, 170.394 |
| Yxy | 3.1669, 0.2796, 0.3600 |
| Android (android.graphics.Color) | 4280366639 (0xFF21362F) |
| YUV | 46.9230, 0.0380, -12.2105 |
| Hunter-Lab | 17.7958, -6.4732, 1.8924 |

Details

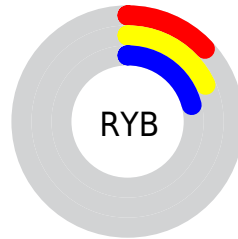
The Hex color **21362F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **362128**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **4E655D**, and **000500** is the 20% darker color. If you saturate the color by 10%, you get **1C362D**, and if you desaturate by 10%, it is **263631**.

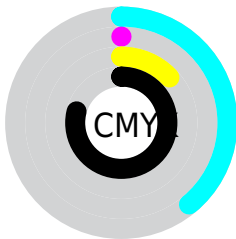
Distribution



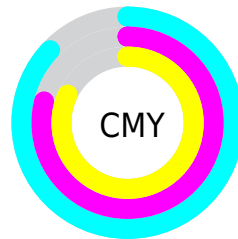
- Red (13%)
- Green (21%)
- Blue (18%)



- Red (13%)
- Yellow (18%)
- Blue (21%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (79%)



- Cyan (87%)
- Magenta (79%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21362F 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 21362F by changing the saturation by 10% instead.

■ 21362F

■ 21362F

FFFFFF

■ 0C211A

■ 4E655D

■ 000500

■ 667E75

■ 000000

■ 80988F

■ 9AB2A9

■ B5CEC5

■ D0EAE1

■ EDFFFD

■ 21362F

■ 21362F

■ 1C362D

■ 263631

■ 16362B

■ 2C3633

■ 11362A

■ 313634

■ 0B3628

■ 373636

■ 063626

■ 3C3638

■ 013624

■ 41363A

■ 003624

■ 47363C

■ 4C363D

■ 52363F

Harmonies

Analogous

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



293528



21362F



1C3637

Triad

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



21362F



303140



3F2E26

Complementary

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



21362F



362128

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.



422C2D



21362F



392E3C

Square

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



21362F



253341



402D35



3A3023

Rectangle

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



21362F



1C363B



402D35



412D28

Sweetspot

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



21362F



3F4745



283621



1F2422



A3A3A3



242424

Same Dimension

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



21362F



26473C



213336



191C1B



005C3D



00DB92

Inverse Universe

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



362128



472631



362521



1C191A



5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 21362F looks on a white background.

Color Contrast Check

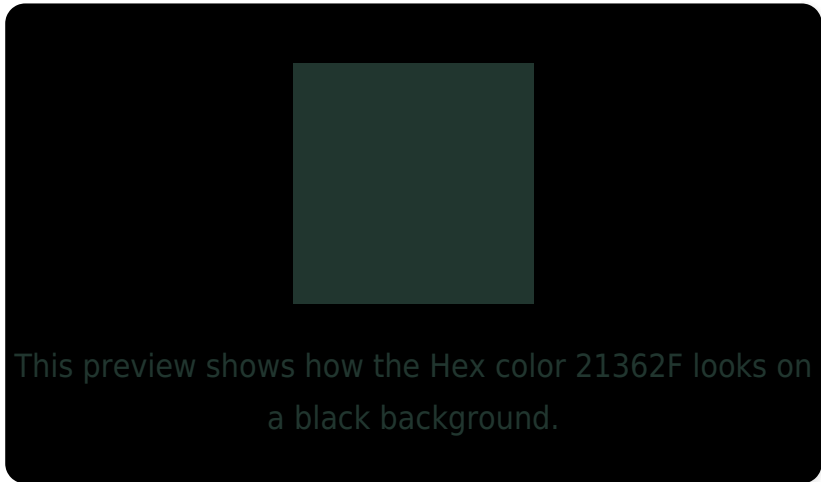
Large Text (above 18pt) WCAG AA ✓ Pass

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

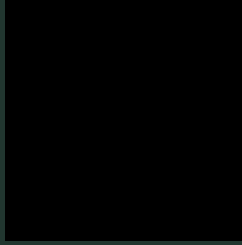
Any Text WCAG AA × Fail

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 21362F Background



This preview shows how black text looks on a background with the Hex color 21362F.



This preview shows how white text looks on a background with the Hex color 21362F.

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
21362F

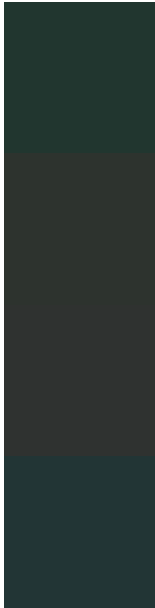
Protanopia
34322D

Deuteranopia
373030



Tritanopia
233539

Trichromacy



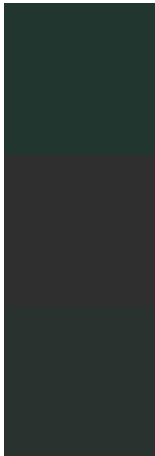
Original Color
21362F

Protanomaly
2D332E

Deuteranomaly
2F3230

Tritanomaly
223535

Monochromacy



Original Color
21362F

Achromatopsia
2F2F2F

Achromatomaly
2A322F

CSS Examples

Text

The CSS property to change the color of the text to Hex 21362F 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 #21362F looks like.

```
.text, #text, p{  
    color:#21362F  
}
```

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 #21362F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21362F
}
```

Border

The CSS property to change the border of an element to Hex 21362F is called "border". The border property can be set on classes, ids or directly on the HTML element.

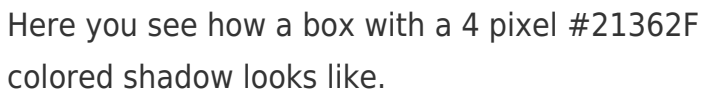
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21362F }
```

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

```
.border{ border-color:#21362F }
```

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



Here you see how a box with a 4 pixel #21362F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21362F; -webkit-box-shadow:4px 4px  
4px 4px #21362F; box-shadow:4px 4px 4px  
4px #21362F }
```

Background

The CSS property to change the background color of an element to Hex 21362F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21362F }
```

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

```
.background{ background-color:#21362F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor