

Converting Colors

Hex(283F20)

Have a look what the booklet for
Hex(283F20) contains.

Hex(283F20)	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(283F20)

Conversions

Conversions Part 1

Format	Color
Hex	283F20
RGB	40, 63, 32
RGB Percent	16%, 25%, 13%
CMY	0.8431, 0.7529, 0.8745
CMYK	0.37, 0.00, 0.49, 0.75
HSL	105°, 33%, 19%
HSV	105°, 49%, 25%
XYZ	2.9133, 4.1104, 2.0063
YIQ	52.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

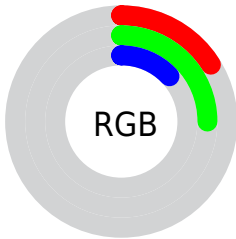
Format	Color
R_{YB}	32, 63, 55
Decimal	2637600
CIE Lab	24.03, -16.08, 16.20
CIE LCh	24, 22.823, 134.791
Yxy	4.1104, 0.3226, 0.4552
Android (android.graphics.Color)	4280827680 (0xFF283F20)
YUV	52.5890, -10.1504, -11.0406
Hunter-Lab	20.2742, -9.8303, 8.3245

Details

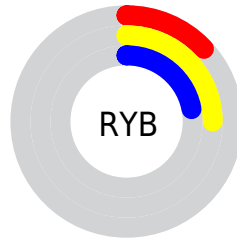
The Hex color **283F20** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **37203F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **566F4D**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **233F1A**, and if you desaturate by 10%, it is **2D3F26**.

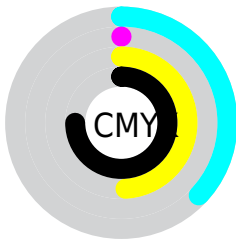
Distribution



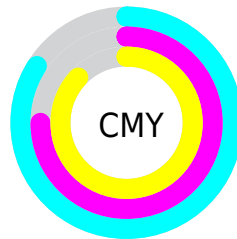
- Red (16%)
- Green (25%)
- Blue (13%)



- Red (13%)
- Yellow (25%)
- Blue (22%)



- Cyan (37%)
- Magenta (0%)
- Yellow (49%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283F20 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 283F20 by changing the saturation by 10% instead.

 283F20

 283F20

FFFFFF

 13290A

 566F4D

 001600

 6F8865

 000000

 89A37E

 A3BE98

 BEDAB3

 DAF6CE

 F7FFEA

 283F20

 283F20

■ 233F1A

■ 2D3F26

■ 1F3F13

■ 313F2D

■ 1A3F0D

■ 363F33

■ 153F07

■ 3B3F39

■ 113F00

■ 3F3F40

■ 103F00

■ 443F46

■ 493F4C

■ 4D3F52

■ 523F59

Harmonies

Analogous

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



3B3B17



283F20



0D4130

Triad

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



283F20



003D5A



5A2B31

Complementary

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



283F20



37203F

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.



542C43



283F20



2C385A

Square

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



283F20



004151



453152



562F22

Rectangle

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



283F20



00423B



453152



592B37

Sweetspot

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



283F20



495245



3F3720



232921



A8A8A8



292929

Same Dimension

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



283F20



2E5221



203F27



1C1F1C



185E00



39DE00

Inverse Universe

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



37203F



452152



3F2038



1E1C1F



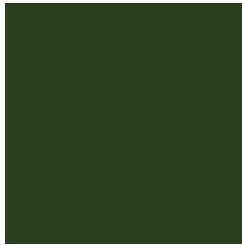
46005E



A500DE

Previews

White Background



This preview shows how the Hex color 283F20 looks on a white background.

Color Contrast Check

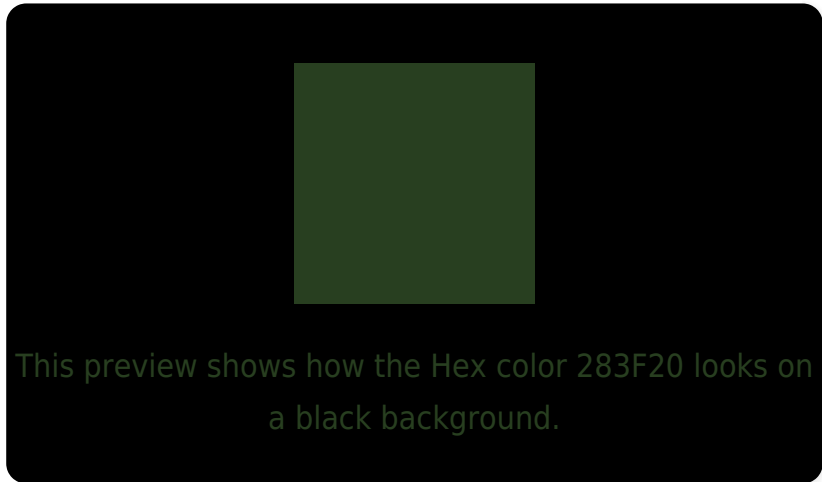
Large Text (above 18pt) WCAG AA ✓ Pass

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

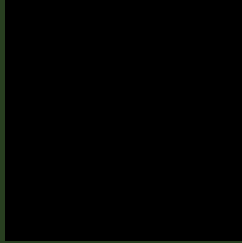
Any Text WCAG AA × Fail

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 283F20 Background



This preview shows how black text looks on a background with the Hex color 283F20.



This preview shows how white text looks on a background with the Hex color 283F20.

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](#).

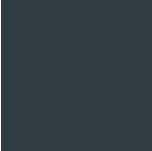
Dichromacy



Original Color
283F20

Protanopia
3F391E

Deuteranopia
453622



Tritanopia
2E3B40

Trichromacy



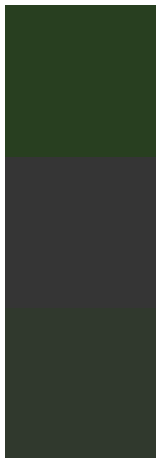
Original Color
283F20

Protanomaly
373B1F

Deuteranomaly
3A3921

Tritanomaly
2C3C34

Monochromacy



Original Color
283F20

Achromatopsia
353535

Achromatomaly
30392D

CSS Examples

Text

The CSS property to change the color of the text to Hex 283F20 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 #283F20 looks like.

```
.text, #text, p{  
    color:#283F20  
}
```

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 #283F20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283F20  
}
```

Border

The CSS property to change the border of an element to Hex 283F20 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  
#283F20 }
```

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

```
.border{ border-color:#283F20 }
```

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

Here you see how a box with a 4 pixel #283F20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283F20; -webkit-box-shadow:4px 4px  
4px 4px #283F20; box-shadow:4px 4px 4px  
4px #283F20 }
```

Background

The CSS property to change the background color of an element to Hex 283F20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283F20 }
```

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

```
.background{ background-color:#283F20 }
```

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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