

Converting Colors

Hex(253020)

Have a look what the booklet for
Hex(253020) contains.

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Color

Hex(253020)

Conversions

Conversions Part 1

Format	Color
Hex	253020
RGB	37, 48, 32
RGB Percent	15%, 19%, 13%
CMY	0.8549, 0.8118, 0.8745
CMYK	0.23, 0.00, 0.33, 0.81
HSL	101°, 20%, 16%
HSV	101°, 33%, 19%
XYZ	2.0806, 2.6115, 1.7609
YIQ	42.8870, -1.4200, -7.3080

Conversions

Conversions Part 2

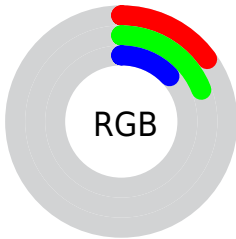
Format	Color
R_{YB}	32, 48, 43
Decimal	2437152
CIE _{Lab}	18.42, -8.47, 8.76
CIE _{LCh}	18, 12.188, 134.050
Yxy	2.6115, 0.3224, 0.4047
Android (android.graphics.Color)	4280627232 (0xFF253020)
YUV	42.8870, -5.3673, -5.1629
Hunter-Lab	16.1601, -5.2985, 4.8515

Details

The Hex color **253020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B2030**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **525E4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22301B**, and if you desaturate by 10%, it is **283025**.

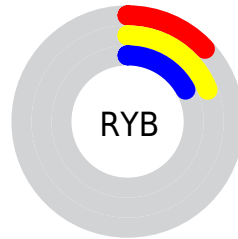
Distribution



Red (15%)

Green (19%)

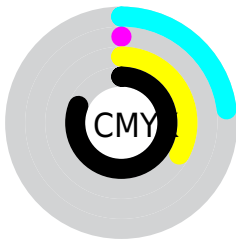
Blue (13%)



Red (13%)

Yellow (19%)

Blue (17%)

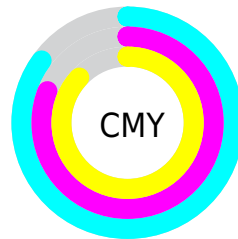


Cyan (23%)

Magenta (0%)

Yellow (33%)

Black (81%)



Cyan (85%)

Magenta (81%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 253020 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 253020 by changing the saturation by 10% instead.

■ 253020

■ 253020

FFFFFF

■ 111B09

■ 525E4C

■ 000000

■ 6A7764

■ 83907D

■ 9EAB97

■ B9C6B2

■ D4E2CD

■ F1FFE9

■ 253020

■ 253020

■ 22301B

■ 283025

■ 1E3016

■ 2C302A

■ 1B3012

■ 2F302E

■ 18300D

■ 323033

■ 153008

■ 353038

■ 113003

■ 39303D

■ 0F3000

■ 3C3042

■ 3F3046

■ 43304B

Harmonies

Analogous

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



2F2E1C



253020



1B3128

Triad

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



253020



1A2F3E



3F2629

Complementary

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



253020



2B2030

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.



3B2732



253020



272C3E

Square

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



253020



113139



33293A



3D2821

Rectangle

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



253020



15322E



33293A



3E262C

Sweetspot

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



253020



393D37



302B20



1C1F1B



9E9E9E



1F1F1F

Same Dimension

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



253020



2C3D25



203023



151715



1B5700



43D600

Inverse Universe

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



2B2030



36253D



30202D



161517



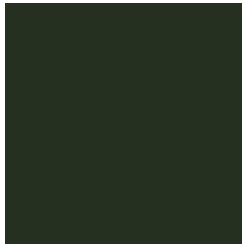
3C0057



9300D6

Previews

White Background



This preview shows how the Hex color 253020 looks on a white background.

Color Contrast Check

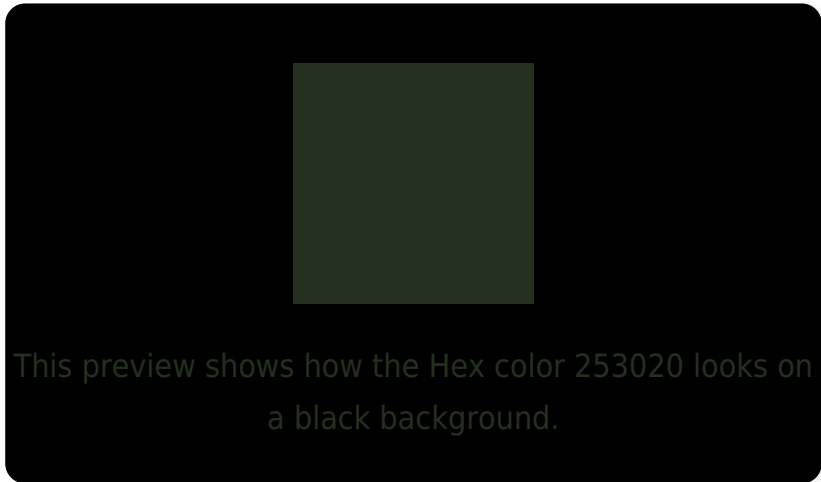
Large Text (above 18pt) WCAG AA ✓ Pass

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

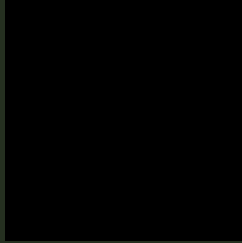
Any Text WCAG AA × Fail

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 253020 Background



This preview shows how black text looks on a background with the Hex color 253020.

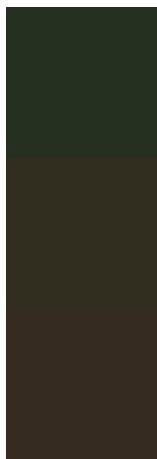


This preview shows how white text looks on a background with the Hex color 253020.

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
253020

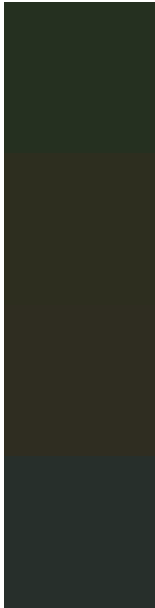
Protanopia
312D1F

Deuteranopia
352B21



Tritanopia
282E31

Trichromacy



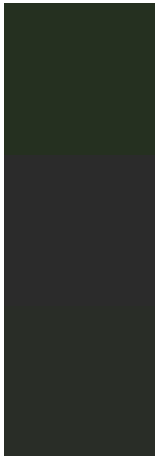
Original Color
253020

Protanomaly
2D2E1F

Deuteranomaly
2F2D21

Tritanomaly
272F2B

Monochromacy



Original Color
253020

Achromatopsia
2B2B2B

Achromatomaly
292D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 253020 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 #253020 looks like.

```
.text, #text, p{  
    color:#253020  
}
```

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 #253020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #253020
}
```

Border

The CSS property to change the border of an element to Hex 253020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

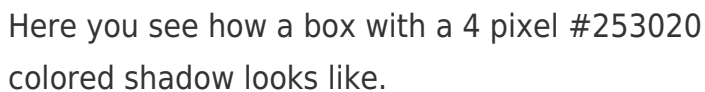
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#253020 }
```

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

```
.border{ border-color:#253020 }
```

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



Here you see how a box with a 4 pixel #253020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #253020; -webkit-box-shadow:4px 4px  
4px 4px #253020; box-shadow:4px 4px 4px  
4px #253020 }
```

Background

The CSS property to change the background color of an element to Hex 253020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#253020 }
```

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

```
.background{ background-color:#253020 }
```

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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