

Converting Colors

Hex(20251B)

Have a look what the booklet for
Hex(20251B) contains.

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Color

Hex(20251B)

Conversions

Conversions Part 1

Format	Color
Hex	20251B
RGB	32, 37, 27
RGB Percent	13%, 15%, 11%
CMY	0.8745, 0.8549, 0.8941
CMYK	0.14, 0.00, 0.27, 0.85
HSL	90°, 16%, 13%
HSV	90°, 27%, 15%
XYZ	1.4551, 1.7093, 1.2902
YIQ	34.3650, 0.2300, -4.1700

Conversions

Conversions Part 2

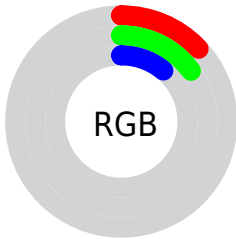
Format	Color
R_{YB}	27, 37, 32
Decimal	2106651
CIE Lab	13.88, -4.65, 5.92
CIE LCh	14, 7.530, 128.118
Yxy	1.7093, 0.3266, 0.3837
Android (android.graphics.Color)	4280296731 (0xFF20251B)
YUV	34.3650, -3.6309, -2.0741
Hunter-Lab	13.0742, -3.0141, 3.3012

Details

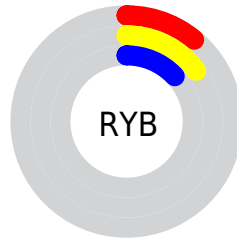
The Hex color **20251B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **201B25**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4C5246**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E2517**, and if you desaturate by 10%, it is **22251F**.

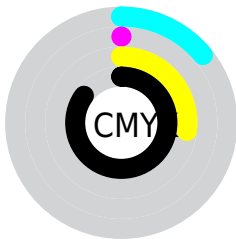
Distribution



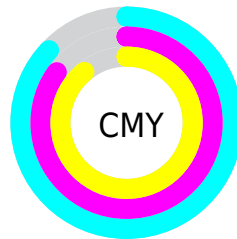
- Red (13%)
- Green (15%)
- Blue (11%)



- Red (11%)
- Yellow (15%)
- Blue (13%)



- Cyan (14%)
- Magenta (0%)
- Yellow (27%)
- Black (85%)



- Cyan (87%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20251B 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 20251B by changing the saturation by 10% instead.



20251B



20251B

FFFFFF



091000



4C5246



000000



646A5E



7D8376



979D90



B1B8AB



CDD3C6



E9F0E2



20251B



20251B

■ 1E2517

■ 22251F

■ 1C2514

■ 242522

■ 1A2510

■ 262526

■ 19250C

■ 27252A

■ 172509

■ 29252E

■ 152505

■ 2B2531

■ 132501

■ 2D2535

■ 122500

■ 2F2539

■ 31253C

Harmonies

Analogous

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



262319



20251B



1A261F

Triad

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



20251B



18252D



2E2022

Complementary

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



20251B



201B25

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.



2B2027



20251B



1F232E

Square

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



20251B



15262A



26222C



2E201D

Rectangle

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



20251B



172623



26222C



2D2024

Sweetspot

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



20251B



2F302D



25201B



181A17



999999



1A1A1A

Same Dimension

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



20251B



293021



1B251B



111210



295200



69D100

Inverse Universe

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



201B25



292130



251B25



111012



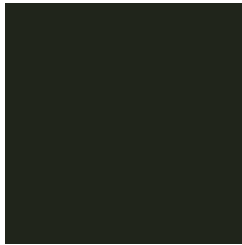
290052



6900D1

Previews

White Background



This preview shows how the Hex color 20251B looks on a white background.

Color Contrast Check

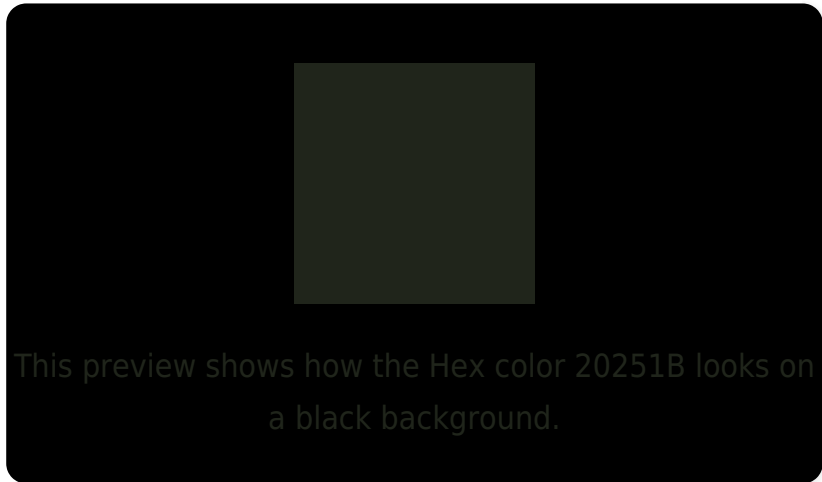
Large Text (above 18pt) WCAG AA ✓ Pass

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

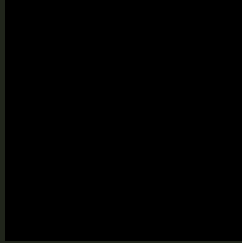
Any Text WCAG AA × Fail

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 20251B Background



This preview shows how black text looks on a background with the Hex color 20251B.

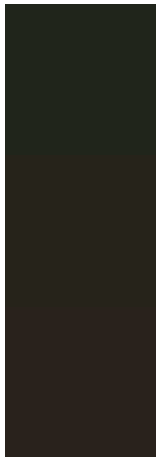


This preview shows how white text looks on a background with the Hex color 20251B.

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](#).

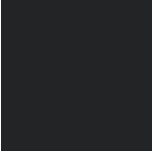
Dichromacy



Original Color
20251B

Protanopia
26231A

Deuteranopia
29221C



Tritanopia
222426

Trichromacy



Original Color

20251B

Protanomaly

24241A

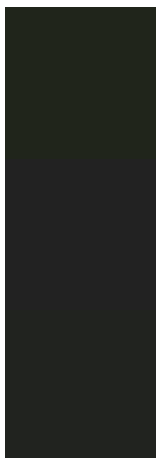
Deuteranomaly

26231C

Tritanomaly

212422

Monochromacy



Original Color

20251B

Achromatopsia

222222

Achromatomaly

21231F

CSS Examples

Text

The CSS property to change the color of the text to Hex 20251B 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 #20251B looks like.

```
.text, #text, p{  
    color:#20251B  
}
```

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 #20251B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20251B
}
```

Border

The CSS property to change the border of an element to Hex 20251B is called "border". The border property can be set on classes, ids or directly on the HTML element.

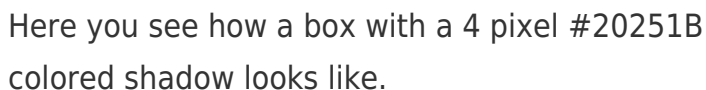
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20251B }
```

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

```
.border{ border-color:#20251B }
```

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



Here you see how a box with a 4 pixel #20251B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20251B; -webkit-box-shadow:4px 4px  
4px 4px #20251B; box-shadow:4px 4px 4px  
4px #20251B }
```

Background

The CSS property to change the background color of an element to Hex 20251B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20251B }
```

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

```
.background{ background-color:#20251B }
```

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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