

Converting Colors

Hex(23351B)

Have a look what the booklet for
Hex(23351B) contains.

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Color

Hex(23351B)

Conversions

Conversions Part 1

Format	Color
Hex	23351B
RGB	35, 53, 27
RGB Percent	14%, 21%, 11%
CMY	0.8627, 0.7922, 0.8941
CMYK	0.34, 0.00, 0.49, 0.79
HSL	102°, 33%, 16%
HSV	102°, 49%, 21%
XYZ	2.1641, 2.9827, 1.4986
YIQ	44.6540, -2.3820, -11.9020

Conversions

Conversions Part 2

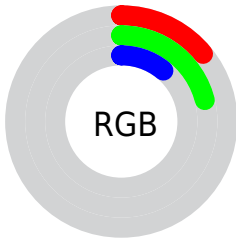
Format	Color
R_{YB}	27, 53, 45
Decimal	2307355
CIE _{Lab}	19.97, -13.35, 14.10
CIE _{LCh}	20, 19.412, 133.439
Yxy	2.9827, 0.3257, 0.4488
Android (android.graphics.Color)	4280497435 (0xFF23351B)
YUV	44.6540, -8.7034, -8.4666
Hunter-Lab	17.2704, -7.8562, 6.9446

Details

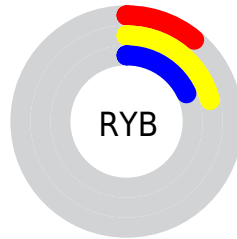
The Hex color **23351B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D1B35**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **506447**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F3516**, and if you desaturate by 10%, it is **273520**.

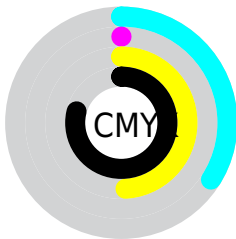
Distribution



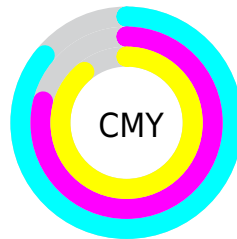
- Red (14%)
- Green (21%)
- Blue (11%)



- Red (11%)
- Yellow (21%)
- Blue (18%)



- Cyan (34%)
- Magenta (0%)
- Yellow (49%)
- Black (79%)



- Cyan (86%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23351B 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 23351B by changing the saturation by 10% instead.



23351B



23351B

FFFFFF



102001



506447



000000



697D5F



829777



9CB191



B7CDAC



D3E9C7



EFFFE3



23351B



23351B

■ 1F3516

■ 273520

■ 1C3510

■ 2A3526

■ 18350B

■ 2E352B

■ 143506

■ 323530

■ 113500

■ 353535

■ 103500

■ 39353B

■ 3D3540

■ 403545

■ 44354B

Harmonies

Analogous

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



333114



23351B



0E3728

Triad

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



23351B



03344B



4B252A

Complementary

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



23351B



2D1B35

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.



472639



23351B



25304C

Square

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



23351B



003743



3A2A45



48281D

Rectangle

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



23351B



003831



3A2A45



4B252F

Sweetspot

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



23351B



3E453B



352D1B



1F241D



A3A3A3



242424

Same Dimension

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



23351B



29451C



1B3520



181A17



1B5900



43D900

Inverse Universe

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



2D1B35



381C45



351B30



19171A



3E0059



9600D9

Previews

White Background



This preview shows how the Hex color 23351B looks on a white background.

Color Contrast Check

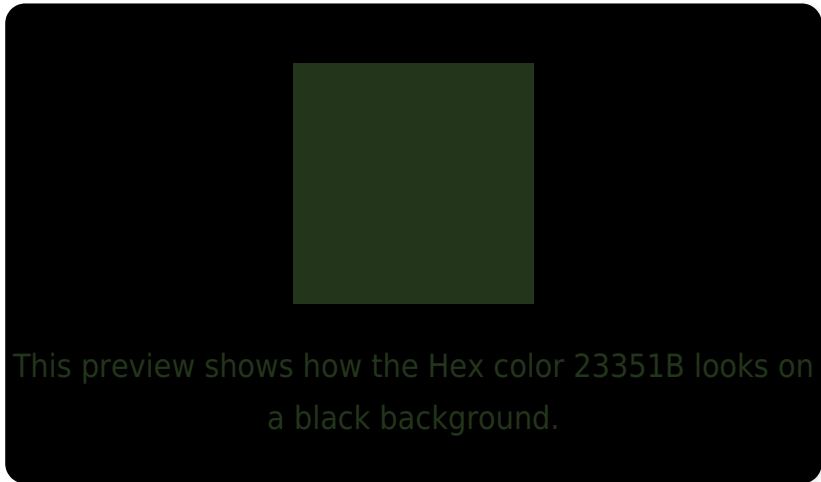
Large Text (above 18pt) WCAG AA ✓ Pass

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

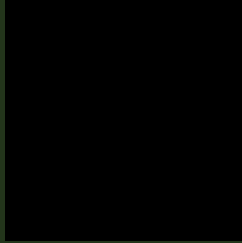
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

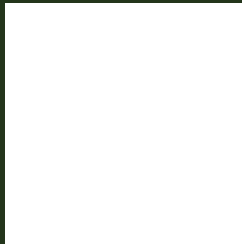
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23351B Background



This preview shows how black text looks on a background with the Hex color 23351B.



This preview shows how white text looks on a background with the Hex color 23351B.

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
23351B

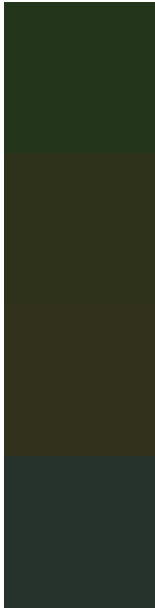
Protanopia
353019

Deuteranopia
3A2E1D



Tritanopia
273236

Trichromacy



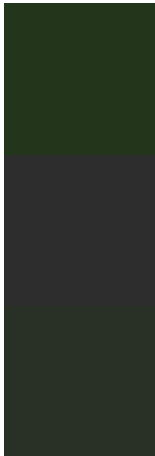
Original Color
23351B

Protanomaly
2E321A

Deuteranomaly
32311C

Tritanomaly
26332C

Monochromacy



Original Color
23351B

Achromatopsia
2D2D2D

Achromatomaly
293026

CSS Examples

Text

The CSS property to change the color of the text to Hex 23351B 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 #23351B looks like.

```
.text, #text, p{  
    color:#23351B  
}
```

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 #23351B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23351B
}
```

Border

The CSS property to change the border of an element to Hex 23351B 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
#23351B }
```

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

```
.border{ border-color:#23351B }
```

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

Here you see how a box with a 4 pixel #23351B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23351B; -webkit-box-shadow:4px 4px  
4px 4px #23351B; box-shadow:4px 4px 4px  
4px #23351B }
```

Background

The CSS property to change the background color of an element to Hex 23351B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23351B }
```

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

```
.background{ background-color:#23351B }
```

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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