

Converting Colors

Hex(1E2423)

Have a look what the booklet for
Hex(1E2423) contains.

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Color

Hex(1E2423)

Conversions

Conversions Part 1

Format	Color
Hex	1E2423
RGB	30, 36, 35
RGB Percent	12%, 14%, 14%
CMY	0.8824, 0.8588, 0.8627
CMYK	0.17, 0.00, 0.03, 0.86
HSL	170°, 9%, 13%
HSV	170°, 17%, 14%
XYZ	1.4697, 1.6591, 1.8329
YIQ	34.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

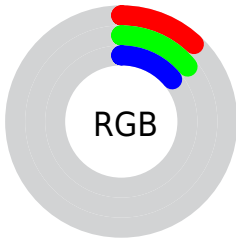
Format	Color
R_{YB}	30, 33, 36
Decimal	1975331
CIE _{Lab}	13.59, -2.96, -0.25
CIE _{LCh}	14, 2.970, 184.774
Yxy	1.6591, 0.2962, 0.3344
Android (android.graphics.Color)	4280165411 (0xFF1E2423)
YUV	34.0920, 0.4476, -3.5887
Hunter-Lab	12.8807, -2.1746, 0.5797

Details

The Hex color **1E2423** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **241E1F**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4A504F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1A2422**, and if you desaturate by 10%, it is **222424**.

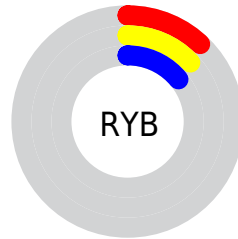
Distribution



Red (12%)

Green (14%)

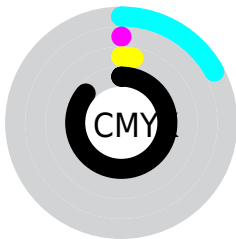
Blue (14%)



Red (12%)

Yellow (13%)

Blue (14%)

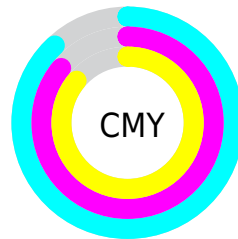


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (86%)



Cyan (88%)

Magenta (86%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E2423 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 1E2423 by changing the saturation by 10% instead.

■ 1E2423

■ 1E2423

FFFFFF

■ 050F0D

■ 4A504F

■ 000000

■ 616967

■ 7A8280

■ 949C9A

■ AFB6B5

■ CAD2D1

■ E6EEED

■ 1E2423

■ 1E2423

■ 1A2422

■ 222424

■ 172422

■ 252424

■ 132421

■ 292425

■ 102421

■ 2C2425

■ 0C2420

■ 302426

■ 08241F

■ 342427

■ 05241F

■ 372427

■ 01241E

■ 3B2428

■ 00241E

■ 3E2428

Harmonies

Analogous

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



202421



1E2423



1E2425

Triad

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



1E2423



242226



26221F

Complementary

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



1E2423



241E1F

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.



272220



1E2423



262225

Square

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



1E2423



212327



272122



24231F

Rectangle

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



1E2423



1E2426



272122



27221F

Sweetspot

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



1E2423



2C2E2E



1F241E



161717



969696



171717

Same Dimension

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



1E2423



252E2C



1E2224



101212



005244



00D1AE

Inverse Universe

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



241E1F



2E2526



24201E



121010



52000E



D10023

Previews

White Background



This preview shows how the Hex color 1E2423 looks on a white background.

Color Contrast Check

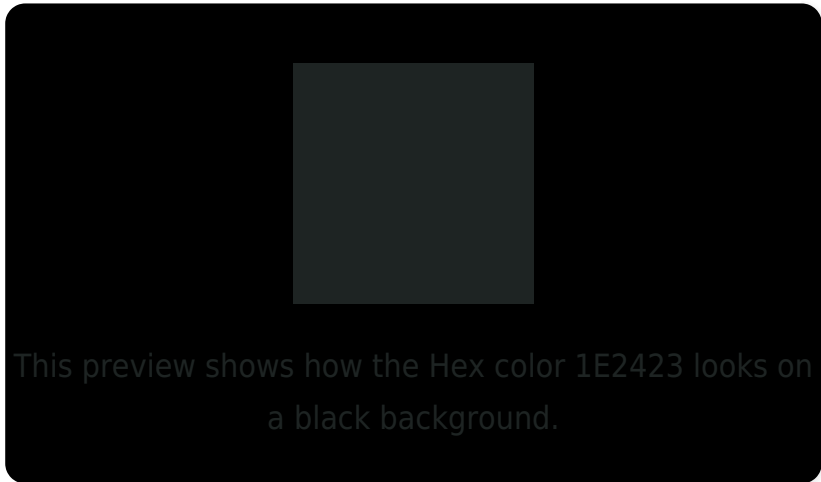
Large Text (above 18pt) WCAG AA ✓ Pass

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

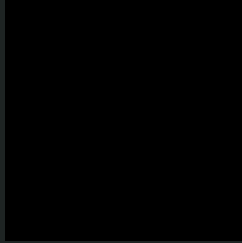
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

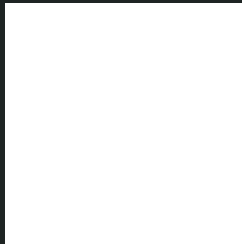
Any Text WCAG AAA × Fail

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

Hex 1E2423 Background



This preview shows how black text looks on a background with the Hex color 1E2423.

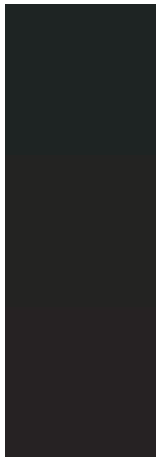


This preview shows how white text looks on a background with the Hex color 1E2423.

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
1E2423

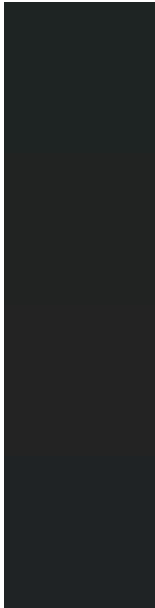
Protanopia
232322

Deuteranopia
262223



Tritanopia
1F2326

Trichromacy



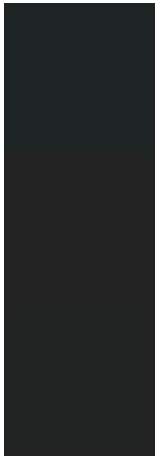
Original Color
1E2423

Protanomaly
212322

Deuteranomaly
232323

Tritanomaly
1F2325

Monochromacy



Original Color
1E2423

Achromatopsia
222222

Achromatomaly
212322

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E2423 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 #1E2423 looks like.

```
.text, #text, p{  
    color:#1E2423  
}
```

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 #1E2423 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E2423
}
```

Border

The CSS property to change the border of an element to Hex 1E2423 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
#1E2423 }
```

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

```
.border{ border-color:#1E2423 }
```

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

Here you see how a box with a 4 pixel #1E2423 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E2423; -webkit-box-shadow:4px 4px  
4px 4px #1E2423; box-shadow:4px 4px 4px  
4px #1E2423 }
```

Background

The CSS property to change the background color of an element to Hex 1E2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E2423 }
```

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

```
.background{ background-color:#1E2423 }
```

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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