

Converting Colors

Hex(252427)

Have a look what the booklet for
Hex(252427) contains.

Hex(252427)	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(252427)

Conversions

Conversions Part 1	
Format	Color
Hex	252427
RGB	37, 36, 39
RGB Percent	15%, 14%, 15%
CMY	0.8549, 0.8588, 0.8471
CMYK	0.05, 0.08, 0.00, 0.85
HSL	260°, 4%, 15%
HSV	260°, 8%, 15%
XYZ	1.7600, 1.8016, 2.1744
YIQ	36.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

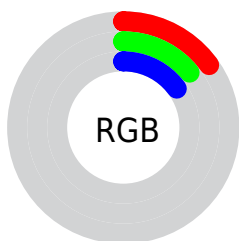
Format	Color
RYB	37, 36, 39
Decimal	2434087
CIELab	14.41, 1.21, -1.83
CIELCh	14, 2.193, 303.370
Yxy	1.8016, 0.3068, 0.3141
Android (android.graphics.Color)	4280624167 (0xFF252427)
YUV	36.6410, 1.1630, 0.3148
Hunter-Lab	13.4222, -0.0823, -0.2096

Details

The Hex color **252427** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262724**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **525054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **222027**, and if you desaturate by 10%, it is **282827**.

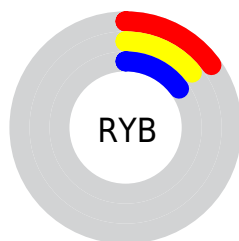
Distribution



Red (15%)

Green (14%)

Blue (15%)



Red (15%)

Yellow (14%)

Blue (15%)

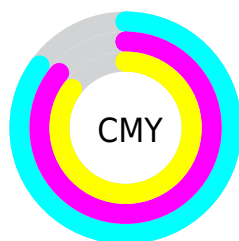


Cyan (5%)

Magenta (8%)

Yellow (0%)

Black (85%)



Cyan (85%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 252427 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 252427 by changing the saturation by 10% instead.

■ 252427

■ 252427

FFFFFF

■ 100F12

■ 525054

■ 000000

■ 6A686C

■ 838285

■ 9D9C9F

■ B8B6BA

■ D3D2D6

■ F0EEF2

■ 252427

■ 252427

 222027 282827 201C27 2A2C27 1D1827 2D3027 1B1427 2F3427 181027 323827 150D27 353B27 130927 373F27 100527 3A4327 0E0127 3C4727

Harmonies

Analogous

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



232527



252427



272426

Triad

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



252427



272422



212525

Complementary

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



252427



262724

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.



222523



252427



262421

Square

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



252427



282423



242522



212526

Rectangle

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



252427



272325



242522



212524

Sweetspot

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



252427



323233



242627



19191A



999999



1A1A1A

Same Dimension

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



252427



302E33



272427



131214



1C0054



4700D4

Inverse Universe

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



272426



332E31



252724



141214



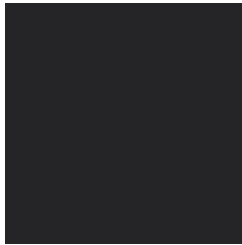
540038



D4008D

Previews

White Background



This preview shows how the Hex color 252427 looks on a white background.

Color Contrast Check

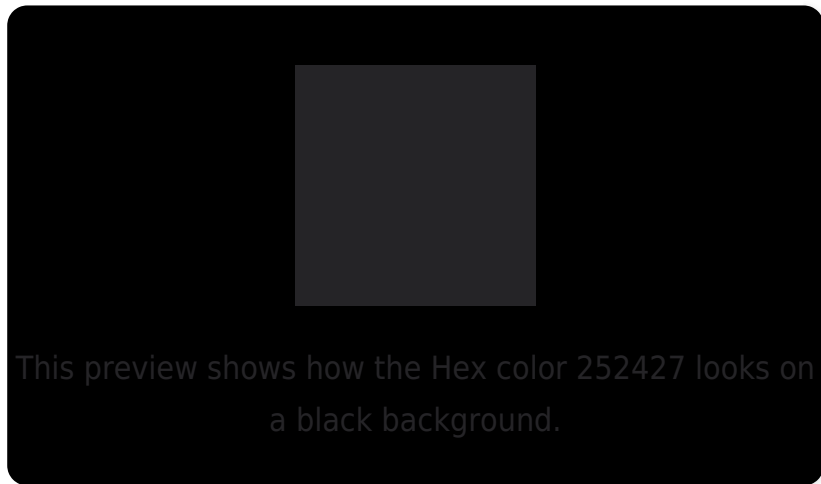
Large Text (above 18pt) WCAG AA ✓ Pass

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

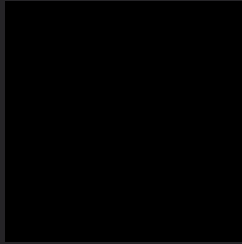
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

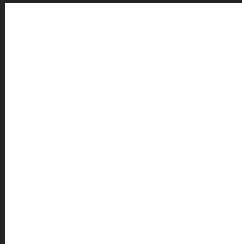
Any Text WCAG AAA × Fail

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

Hex 252427 Background



This preview shows how black text looks on a background with the Hex color 252427.

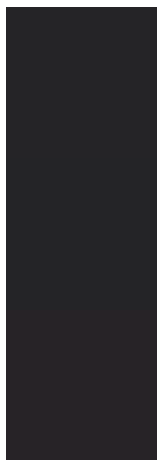


This preview shows how white text looks on a background with the Hex color 252427.

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

252427

Protanopia

242427

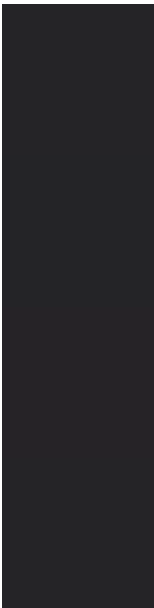
Deuteranopia

272327



Tritanopia
252427

Trichromacy



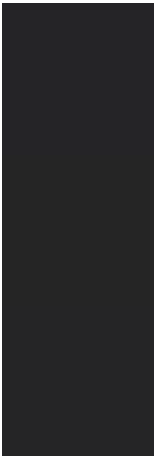
Original Color
252427

Protanomaly
242427

Deuteranomaly
262327

Tritanomaly
252427

Monochromacy



Original Color
252427

Achromatopsia
252525

Achromatomaly
252526

CSS Examples

Text

The CSS property to change the color of the text to Hex 252427 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 #252427 looks like.

```
.text, #text, p{  
    color:#252427  
}
```

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 #252427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #252427
}
```

Border

The CSS property to change the border of an element to Hex 252427 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
#252427 }
```

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

```
.border{ border-color:#252427 }
```

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

Here you see how a box with a 4 pixel #252427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #252427; -webkit-box-shadow:4px 4px  
4px 4px #252427; box-shadow:4px 4px 4px  
4px #252427 }
```

Background

The CSS property to change the background color of an element to Hex 252427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#252427 }
```

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

```
.background{ background-color:#252427 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor