

Converting Colors

Hex(244427)

Have a look what the booklet for
Hex(244427) contains.

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Color

Hex(244427)

Conversions

Conversions Part 1

Format	Color
Hex	244427
RGB	36, 68, 39
RGB Percent	14%, 27%, 15%
CMY	0.8588, 0.7333, 0.8471
CMYK	0.47, 0.00, 0.43, 0.73
HSL	126°, 31%, 20%
HSV	126°, 47%, 27%
XYZ	3.1609, 4.6558, 2.6515
YIQ	55.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

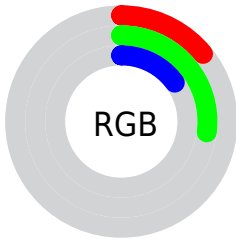
Format	Color
RYB	36, 65, 68
Decimal	2376743
CIELab	25.73, -19.08, 13.98
CIELCh	26, 23.656, 143.777
Yxy	4.6558, 0.3020, 0.4448
Android (android.graphics.Color)	4280566823 (0xFF244427)
YUV	55.1260, -7.9501, -16.7735
Hunter-Lab	21.5773, -11.6116, 7.8183

Details

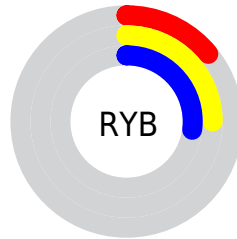
The Hex color **244427** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **442441**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **537454**, and **001A00** is the 20% darker color. If you saturate the color by 10%, you get **1D4421**, and if you desaturate by 10%, it is **2B442D**.

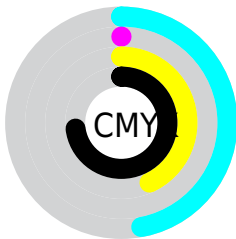
Distribution



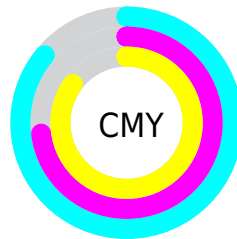
- Red (14%)
- Green (27%)
- Blue (15%)



- Red (14%)
- Yellow (25%)
- Blue (27%)



- Cyan (47%)
- Magenta (0%)
- Yellow (43%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244427 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 244427 by changing the saturation by 10% instead.

 244427

 244427


FFFFFF

 0D2D12

 537454

 001A00

 6C8E6D

 000000

 85A986

 A0C4A0

 BBE0BB

 D7FDD7

 F3FFF4

 244427

 244427

■ 1D4421

■ 2B442D

■ 16441B

■ 324433

■ 104415

■ 384439

■ 09440E

■ 3F4440

■ 024408

■ 464446

■ 004406

■ 4D444C

■ 544452

■ 5A4458

■ 61445E

Harmonies

Analogous

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



39401B



244427



004638

Triad

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



244427



134060



5F2F2F

Complementary

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



244427



442441

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.



5C2E41



244427



393A5E

Square

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



244427



004459



503352



583421

Rectangle

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



244427



004645



503352



5F2E35

Sweetspot

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



244427



4D594E



414424



262E27



ADADAD



2E2E2E

Same Dimension

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



244427



27592C



244437



1E211E



006109



00E015

Inverse Universe

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



442441



592755



442431



211E21



610058



E000CB

Previews

White Background



This preview shows how the Hex color 244427 looks on a white background.

Color Contrast Check

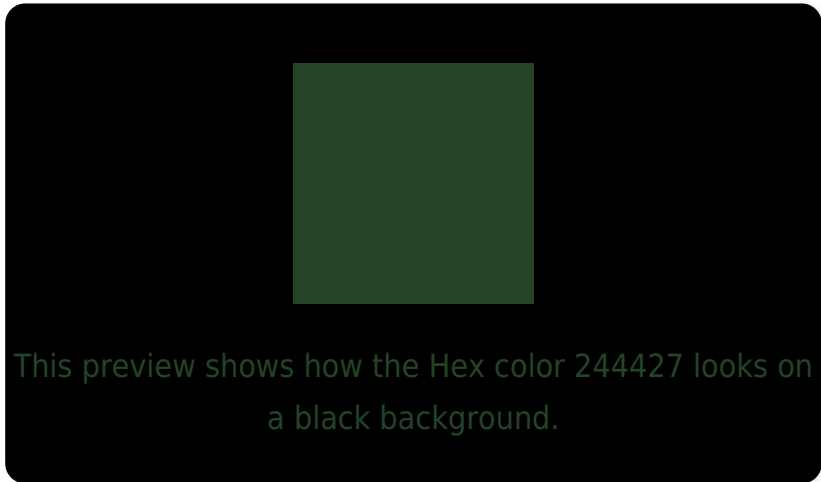
Large Text (above 18pt) WCAG AA ✓ Pass

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

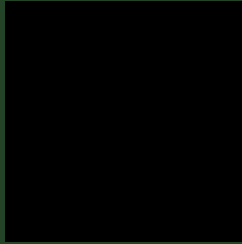
Any Text WCAG AA × Fail

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 244427 Background



This preview shows how black text looks on a background with the Hex color 244427.



This preview shows how white text looks on a background with the Hex color 244427.

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
244427

Protanopia
433D24

Deuteranopia
493A29



Tritanopia
2B4046

Trichromacy



Original Color
244427

Protanomaly
384025

Deuteranomaly
3C3E28

Tritanomaly
28413B

Monochromacy



Original Color
244427

Achromatopsia
373737

Achromatomaly
303C31

CSS Examples

Text

The CSS property to change the color of the text to Hex 244427 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 #244427 looks like.

```
.text, #text, p{  
  color:#244427  
}
```

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 #244427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244427
}
```

Border

The CSS property to change the border of an element to Hex 244427 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
#244427 }
```

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

```
.border{ border-color:#244427 }
```

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

Here you see how a box with a 4 pixel #244427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244427; -webkit-box-shadow:4px 4px  
4px 4px #244427; box-shadow:4px 4px 4px  
4px #244427 }
```

Background

The CSS property to change the background color of an element to Hex 244427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244427 }
```

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

```
.background{ background-color:#244427 }
```

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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