

Converting Colors

Hex(254582)

Have a look what the booklet for
Hex(254582) contains.

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Color

Hex(254582)

Conversions

Conversions Part 1

Format	Color
Hex	254582
RGB	37, 69, 130
RGB Percent	15%, 27%, 51%
CMY	0.8549, 0.7294, 0.4902
CMYK	0.72, 0.47, 0.00, 0.49
HSL	219°, 56%, 33%
HSV	219°, 72%, 51%
XYZ	6.9203, 6.2613, 21.9629
YIQ	66.3860, -38.6530, 12.1870

Conversions

Conversions Part 2

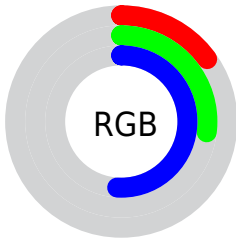
Format	Color
R_{YB}	37, 61, 130
Decimal	2442626
CIE _{Lab}	30.06, 10.24, -37.88
CIE _{LCh}	30, 39.236, 285.130
Yxy	6.2613, 0.1969, 0.1782
Android (android.graphics.Color)	4280632706 (0xFF254582)
YUV	66.3860, 31.3617, -25.7715
Hunter-Lab	25.0225, 5.5773, -34.5246




Details

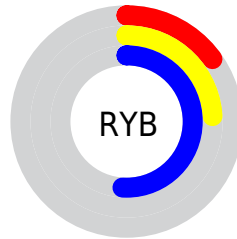
The Hex color **254582** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **826225**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **5E75B7**, and **001B50** is the 20% darker color. If you saturate the color by 10%, you get **183C82**, and if you desaturate by 10%, it is **324E82**.

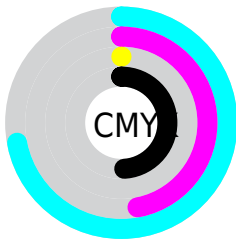
Distribution







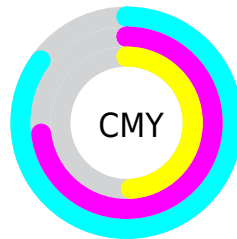
-  Red (15%)
-  Green (27%)
-  Blue (51%)






-  Red (15%)
-  Yellow (24%)
-  Blue (51%)



-  Cyan (72%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (73%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254582 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 254582 by changing the saturation by 10% instead.

■ 254582

■ 254582

FFFFFF

■ 002F69

■ 5E75B7

■ 001B50

■ 798ED3

■ 000039

■ 95A9F0

■ 000222

■ B1C4FF

■ 000009

■ CDE0FF

■ 000000

■ EAF0FF

■ 254582

■ 254582

■ 183C82

■ 324E82

■ 0B3482

■ 3F5682

■ 002D82

■ 4C5F82

■ 596782

■ 667082

■ 737882

■ 808182

■ 8D8982

■ 9A9282

Harmonies

Analogous

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



004F82



254582



5C3872

Triad

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



254582



76331C



005436

Complementary

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



254582



826225

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.



235118



254582



624004

Square

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



254582



7E2939



474A01



005556

Rectangle

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



254582



6F2E61



474A01



00532C

Sweetspot

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



254582



8591A8



258261



3F4654



D4D4D4



545454

Same Dimension

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



254582



1849A8



332582



393C40



002C80



000000

Inverse Universe

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



822545



A81849



748225



40393C



80002C



000000

Previews

White Background



This preview shows how the Hex color 254582 looks on a white background.

Color Contrast Check

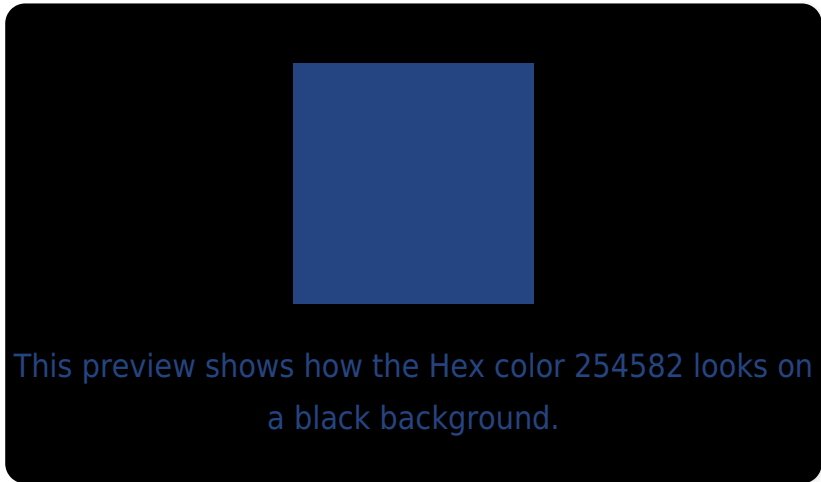
Large Text (above 18pt) WCAG AA ✓ Pass

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

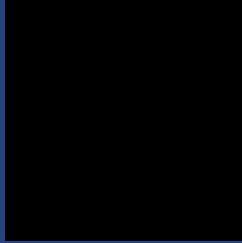
Any Text WCAG AA × Fail

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 254582 Background



This preview shows how black text looks on a background with the Hex color 254582.

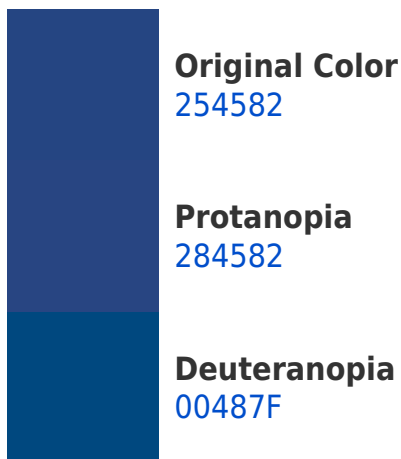


This preview shows how white text looks on a background with the Hex color 254582.

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





Tritanopia
004F55

Trichromacy



Original Color
254582

Protanomaly
274582

Deuteranomaly
0D4780

Tritanomaly
0D4B65

Monochromacy



Original Color
254582

Achromatopsia
424242

Achromatomaly
374359

CSS Examples

Text

The CSS property to change the color of the text to Hex 254582 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 #254582 looks like.

```
.text, #text, p{  
    color:#254582  
}
```

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 #254582 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254582
}
```

Border

The CSS property to change the border of an element to Hex 254582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

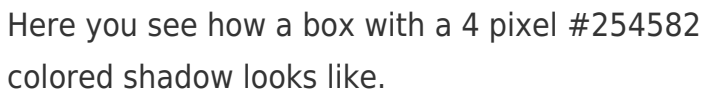
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#254582 }
```

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

```
.border{ border-color:#254582 }
```

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



Here you see how a box with a 4 pixel #254582 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254582; -webkit-box-shadow:4px 4px  
4px 4px #254582; box-shadow:4px 4px 4px  
4px #254582 }
```

Background

The CSS property to change the background color of an element to Hex 254582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254582 }
```

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

```
.background{ background-color:#254582 }
```

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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