

Converting Colors

Hex(165274)

Have a look what the booklet for
Hex(165274) contains.

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Color

Hex(165274)

Conversions

Conversions Part 1

Format	Color
Hex	165274
RGB	22, 82, 116
RGB Percent	9%, 32%, 45%
CMY	0.9137, 0.6784, 0.5451
CMYK	0.81, 0.29, 0.00, 0.55
HSL	202°, 68%, 27%
HSV	202°, 81%, 45%
XYZ	6.5006, 7.4661, 17.6215
YIQ	67.9360, -46.6740, -2.1460

Conversions

Conversions Part 2

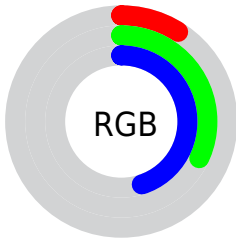
Format	Color
R_{YB}	22, 59, 116
Decimal	1462900
CIE _{Lab}	32.85, -6.06, -24.77
CIE _{LCh}	33, 25.507, 256.245
Y _{xy}	7.4661, 0.2058, 0.2364
Android (android.graphics.Color)	4279652980 (0xFF165274)
Y_{UV}	67.9360, 23.6956, -40.2859
Hunter-Lab	27.3242, -5.3513, -19.1094

Details

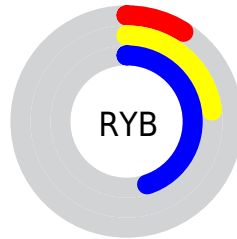
The Hex color **165274** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **743816**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5283A8**, and **002644** is the 20% darker color. If you saturate the color by 10%, you get **0A4E74**, and if you desaturate by 10%, it is **225674**.

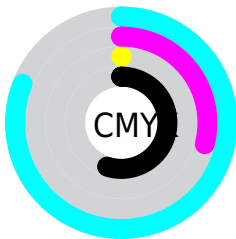
Distribution



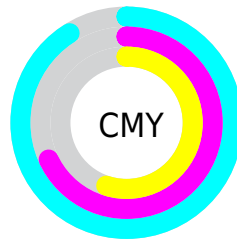
- Red (9%)
- Green (32%)
- Blue (45%)



- Red (9%)
- Yellow (23%)
- Blue (45%)



- Cyan (81%)
- Magenta (29%)
- Yellow (0%)
- Black (55%)



- Cyan (91%)
- Magenta (68%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 165274 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 165274 by changing the saturation by 10% instead.



165274



165274

FFFFFF



003B5B



5283A8



002644



6D9DC4



00112D



88B8E0



000118



A4D4FC



000000



C0F0FF



DDFFFF



FAFFFF



165274



165274

■ 0A4E74

■ 225674

■ 004A74

■ 2D5A74

■ 395F74

■ 446374

■ 506774

■ 5C6B74

■ 676F74

■ 737474

■ 7E7874

Harmonies

Analogous

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



00566A



165274



414C74

Triad

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



165274



743D43



385431

Complementary

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



165274



743816

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.



4F5026



165274



6F4231

Square

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



165274



6E3E57



624926



1B5743

Rectangle

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



165274



55466E



624926



40532C

Sweetspot

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



165274



728996



167437



36444D



CCCCCC



4D4D4D

Same Dimension

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



165274



056296



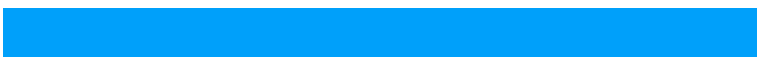
162474



35393B



004E7A



00A0FA

Inverse Universe

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



741652



960562



746616



3B3539



7A004E



FA00A0

Previews

White Background



This preview shows how the Hex color 165274 looks on a white background.

Color Contrast Check

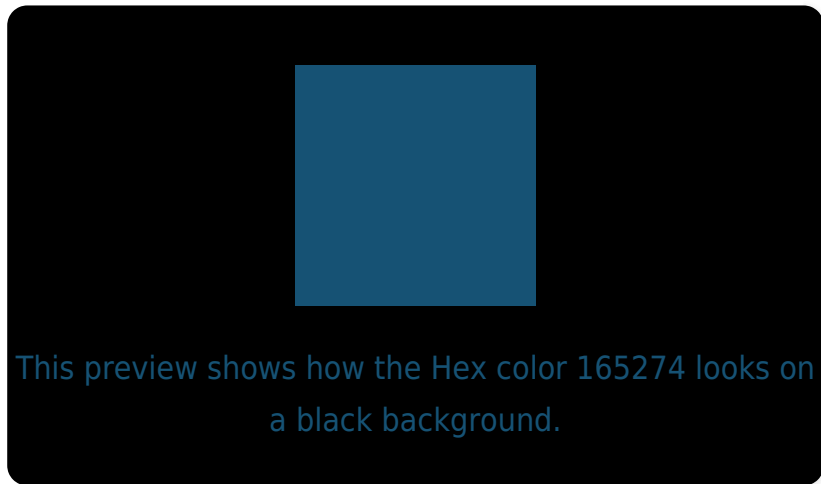
Large Text (above 18pt) WCAG AA ✓ Pass

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

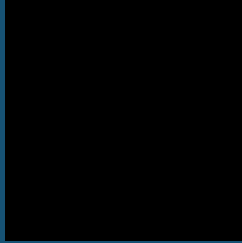
Any Text WCAG AA × Fail

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 165274 Background



This preview shows how black text looks on a background with the Hex color 165274.

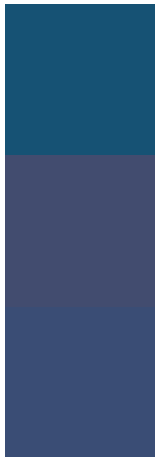


This preview shows how white text looks on a background with the Hex color 165274.

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
165274

Protanopia
424C6F

Deuteranopia
3A4D75



Tritanopia
00565C

Trichromacy



Original Color
165274

Protanomaly
324E71

Deuteranomaly
2D4F75

Tritanomaly
085565

Monochromacy



Original Color
165274

Achromatopsia
444444

Achromatomaly
334955

CSS Examples

Text

The CSS property to change the color of the text to Hex 165274 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 #165274 looks like.

```
.text, #text, p{  
    color:#165274  
}
```

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 #165274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165274
}
```

Border

The CSS property to change the border of an element to Hex 165274 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
#165274 }
```

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

```
.border{ border-color:#165274 }
```

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

Here you see how a box with a 4 pixel #165274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165274; -webkit-box-shadow:4px 4px  
4px 4px #165274; box-shadow:4px 4px 4px  
4px #165274 }
```

Background

The CSS property to change the background color of an element to Hex 165274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165274 }
```

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

```
.background{ background-color:#165274 }
```

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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