

Converting Colors

Hex(204774)

Have a look what the booklet for
Hex(204774) contains.

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Color

Hex(204774)

Conversions

Conversions Part 1

Format	Color
Hex	204774
RGB	32, 71, 116
RGB Percent	13%, 28%, 45%
CMY	0.8745, 0.7216, 0.5451
CMYK	0.72, 0.39, 0.00, 0.55
HSL	212°, 57%, 29%
HSV	212°, 72%, 45%
XYZ	6.0013, 6.0745, 17.3792
YIQ	64.4690, -37.6890, 5.7270

Conversions

Conversions Part 2

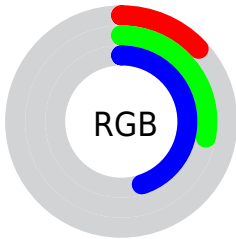
Format	Color
R_{YB}	32, 59, 116
Decimal	2115444
CIE _{Lab}	29.60, 2.55, -29.87
CIE _{LCh}	30, 29.978, 274.880
Yxy	6.0745, 0.2037, 0.2062
Android (android.graphics.Color)	4280305524 (0xFF204774)
YUV	64.4690, 25.4048, -28.4753
Hunter-Lab	24.6465, 0.3323, -24.5551

Details

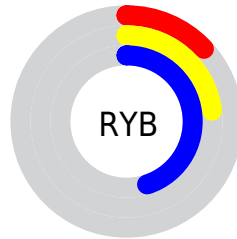
The Hex color **204774** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **744D20**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5777A8**, and **001C43** is the 20% darker color. If you saturate the color by 10%, you get **144174**, and if you desaturate by 10%, it is **2C4D74**.

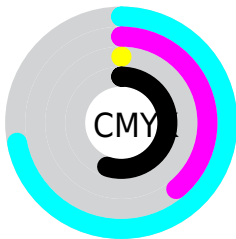
Distribution



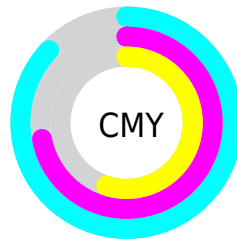
- Red (13%)
- Green (28%)
- Blue (45%)



- Red (13%)
- Yellow (23%)
- Blue (45%)



- Cyan (72%)
- Magenta (39%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (72%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204774 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 204774 by changing the saturation by 10% instead.

■ 204774

■ 204774

FFFFFF

■ 00315B

■ 5777A8

■ 001C43

■ 7291C4

■ 00032D

■ 8DABE0

■ 000117

■ A9C6FC

■ 000000

■ C5E2FF

■ E2FFFF

■ 204774

■ 204774

■ 144174

■ 2C4D74

■ 093B74

■ 375374

■ 003674

■ 435A74

■ 4E6074

■ 5A6674

■ 666C74

■ 717374

■ 7D7974

■ 887F74

Harmonies

Analogous

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



004D6F



204774



4C3E6C

Triad

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



204774



6E352C



145031

Complementary

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



204774



744D20

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.



374C1E



204774



623D1B

Square

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



204774



703143



4F4615



005149

Rectangle

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



204774



5E3861



4F4615



224F2A

Sweetspot

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



204774



758596



20744D



39424D



CCCCCC



4D4D4D

Same Dimension

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



204774



145096



232074



35383B



00397A



0074FA

Inverse Universe

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



742047



961450



717420



3B3538



7A0039



FA0074

Previews

White Background



This preview shows how the Hex color 204774 looks on a white background.

Color Contrast Check

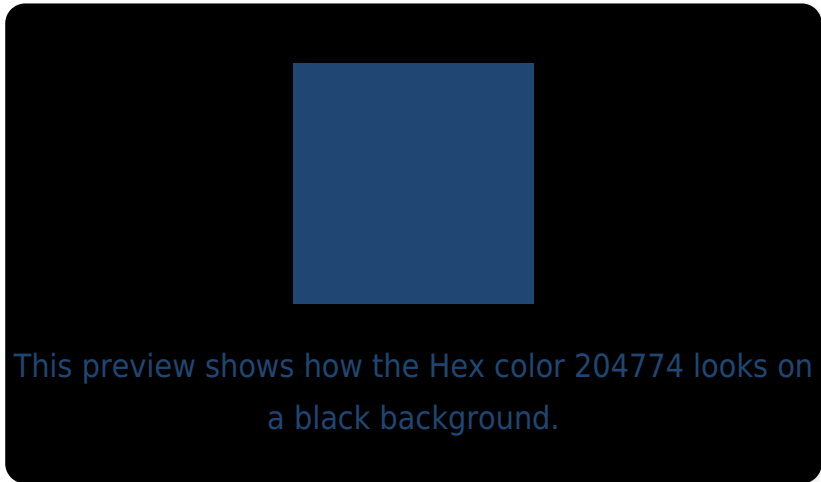
Large Text (above 18pt) WCAG AA ✓ Pass

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 204774 Background



This preview shows how black text looks on a background with the Hex color 204774.



This preview shows how white text looks on a background with the Hex color 204774.

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
204774

Protanopia
344471

Deuteranopia
264674

Trichromacy



Original Color
204774

Protanomaly
2D4572

Deuteranomaly
244674

Tritanomaly
0C4B5F

Monochromacy



Original Color
204774

Achromatopsia
404040

Achromatomaly
344353

CSS Examples

Text

The CSS property to change the color of the text to Hex 204774 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 #204774 looks like.

```
.text, #text, p{  
  color:#204774  
}
```

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 #204774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204774
}
```

Border

The CSS property to change the border of an element to Hex 204774 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
#204774 }
```

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

```
.border{ border-color:#204774 }
```

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

Here you see how a box with a 4 pixel #204774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204774; -webkit-box-shadow:4px 4px  
4px 4px #204774; box-shadow:4px 4px 4px  
4px #204774 }
```

Background

The CSS property to change the background color of an element to Hex 204774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204774 }
```

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

```
.background{ background-color:#204774 }
```

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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