

Converting Colors

Hex(204065)

Have a look what the booklet for
Hex(204065) contains.

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Color

Hex(204065)

Conversions

Conversions Part 1

Format	Color
Hex	204065
RGB	32, 64, 101
RGB Percent	13%, 25%, 40%
CMY	0.8745, 0.7490, 0.6039
CMYK	0.68, 0.37, 0.00, 0.60
HSL	212°, 52%, 26%
HSV	212°, 68%, 40%
XYZ	4.7780, 4.9135, 13.0085
YIQ	58.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

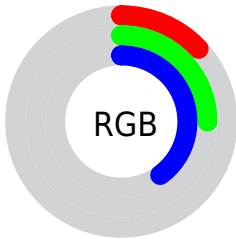
Format	Color
RYB	32, 54, 101
Decimal	2113637
CIELab	26.49, 1.40, -25.25
CIElCh	26, 25.289, 273.174
Yxy	4.9135, 0.2105, 0.2165
Android (android.graphics.Color)	4280303717 (0xFF204065)
YUV	58.6500, 20.8786, -23.3720
Hunter-Lab	22.1663, -0.3148, -19.2784

Details

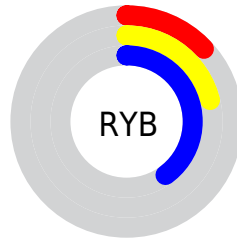
The Hex color **204065** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **654520**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **546F98**, and **001636** is the 20% darker color. If you saturate the color by 10%, you get **163B65**, and if you desaturate by 10%, it is **2A4565**.

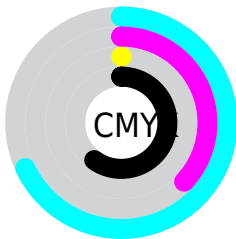
Distribution



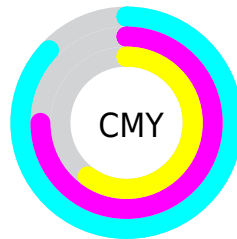
- Red (13%)
- Green (25%)
- Blue (40%)



- Red (13%)
- Yellow (21%)
- Blue (40%)



- Cyan (68%)
- Magenta (37%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204065 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 204065 by changing the saturation by 10% instead.

■ 204065

■ 204065

FFFFFF

■ 002A4D

■ 546F98

■ 001636

■ 6E89B3

■ 000220

■ 89A3CF

■ 000005

■ A4BEEB

■ 000000

■ C0DAFF

■ DCF6FF

■ F9FFFF

■ 204065

■ 204065

■ 163B65

■ 2A4565

■ 0C3565

■ 344B65

■ 023065

■ 3E5065

■ 002F65

■ 485665

■ 535B65

■ 5D6065

■ 676665

■ 716B65

■ 7B7165

Harmonies

Analogous

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



004561



204065



43395F

Triad

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



204065



61312B



1A472D

Complementary

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



204065



654520

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.



34441D



204065



58371C

Square

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



204065



622E3D



483E17



004840

Rectangle

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



204065



523456



483E17



244627

Sweetspot

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



204065



687482



206545



323A42



C2C2C2



424242

Same Dimension

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



204065



174982



222065



2E3033



003573



0070F2

Inverse Universe

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



652040



821749



636520



332E30



730035



F20070

Previews

White Background



This preview shows how the Hex color 204065 looks on a white background.

Color Contrast Check

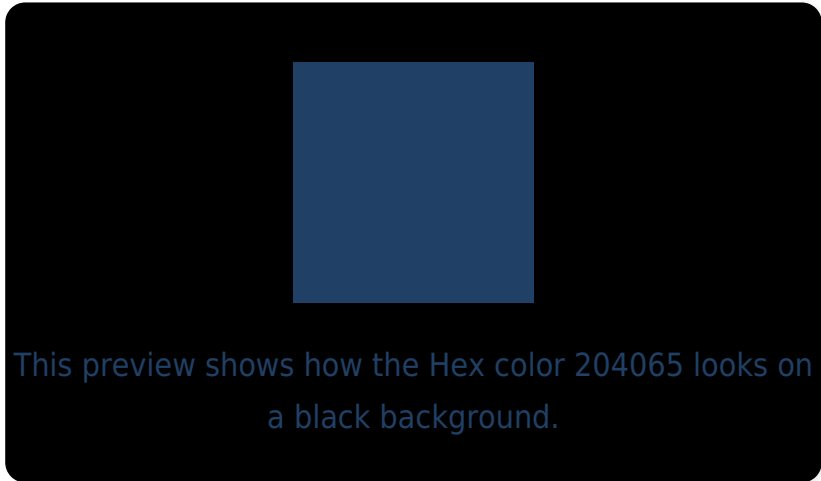
Large Text (above 18pt) WCAG AA ✓ Pass

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

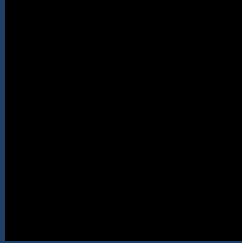
Any Text WCAG AA × Fail

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 204065 Background



This preview shows how black text looks on a background with the Hex color 204065.



This preview shows how white text looks on a background with the Hex color 204065.

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
204065

Protanopia
313D63

Deuteranopia
273F65



Tritanopia
0C454B

Trichromacy



Original Color
204065

Protanomaly
2B3E64

Deuteranomaly
243F65

Tritanomaly
134354

Monochromacy



Original Color
204065

Achromatopsia
3B3B3B

Achromatomaly
313D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 204065 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 #204065 looks like.

```
.text, #text, p{  
    color:#204065  
}
```

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 #204065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204065
}
```

Border

The CSS property to change the border of an element to Hex 204065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

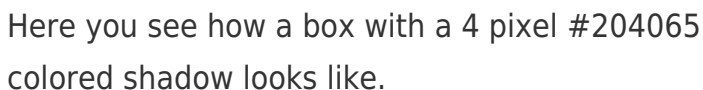
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#204065 }
```

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

```
.border{ border-color:#204065 }
```

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



Here you see how a box with a 4 pixel #204065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204065; -webkit-box-shadow:4px 4px  
4px 4px #204065; box-shadow:4px 4px 4px  
4px #204065 }
```

Background

The CSS property to change the background color of an element to Hex 204065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204065 }
```

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

```
.background{ background-color:#204065 }
```

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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