

Converting Colors

Hex(204630)

Have a look what the booklet for
Hex(204630) contains.

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Color

Hex(204630)

Conversions

Conversions Part 1

Format	Color
Hex	204630
RGB	32, 70, 48
RGB Percent	13%, 27%, 19%
CMY	0.8745, 0.7255, 0.8118
CMYK	0.54, 0.00, 0.31, 0.73
HSL	145°, 37%, 20%
HSV	145°, 54%, 27%
XYZ	3.3193, 4.9008, 3.5673
YIQ	56.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

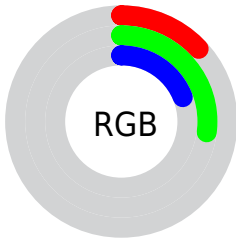
Format	Color
R_{YB}	32, 59, 70
Decimal	2115120
CIE _{Lab}	26.45, -19.54, 9.19
CIE _{LCh}	26, 21.596, 154.805
Yxy	4.9008, 0.2816, 0.4158
Android (android.graphics.Color)	4280305200 (0xFF204630)
YUV	56.1300, -4.0081, -21.1620
Hunter-Lab	22.1377, -11.9768, 5.9423

Details

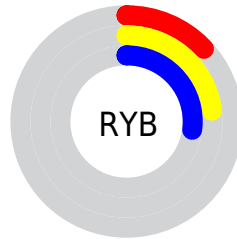
The Hex color **204630** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462036**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4F775E**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **19462C**, and if you desaturate by 10%, it is **274634**.

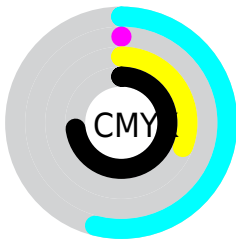
Distribution



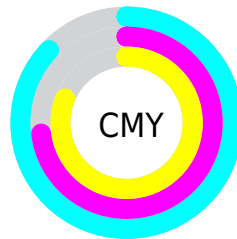
- Red (13%)
- Green (27%)
- Blue (19%)



- Red (13%)
- Yellow (23%)
- Blue (27%)



- Cyan (54%)
- Magenta (0%)
- Yellow (31%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 204630 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 204630 by changing the saturation by 10% instead.

 204630

 204630

FFFFFF

 082F1B

 4F775E

 001C00

 689077

 000000

 82AB90

 9CC6AB

 B7E3C6

 D3FFE2

 F0FFFF

 204630

 204630

■ 19462C

■ 274634

■ 124628

■ 2E4638

■ 0B4624

■ 35463C

■ 044620

■ 3C4640

■ 00461D

■ 434644

■ 4A4648

■ 51464C

■ 584650

■ 5F4654

Harmonies

Analogous

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



354323



204630



004741

Triad

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



204630



293F5F



5D332D

Complementary

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



204630



462036

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.



5E313D



204630



44395A

Square

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



204630



00445C



55344D



543921

Rectangle

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



204630



00474C



55344D



5E3232

Sweetspot

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



204630



4D5C53



364620



252E29



ADADAD



2E2E2E

Same Dimension

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



204630



205C39



204643



202422



00632A



00E360

Inverse Universe

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



462036



5C2043



462023



242022



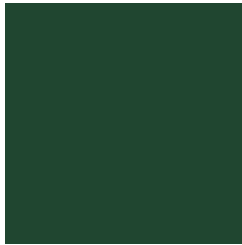
63003A



E30083

Previews

White Background



This preview shows how the Hex color 204630 looks on a white background.

Color Contrast Check

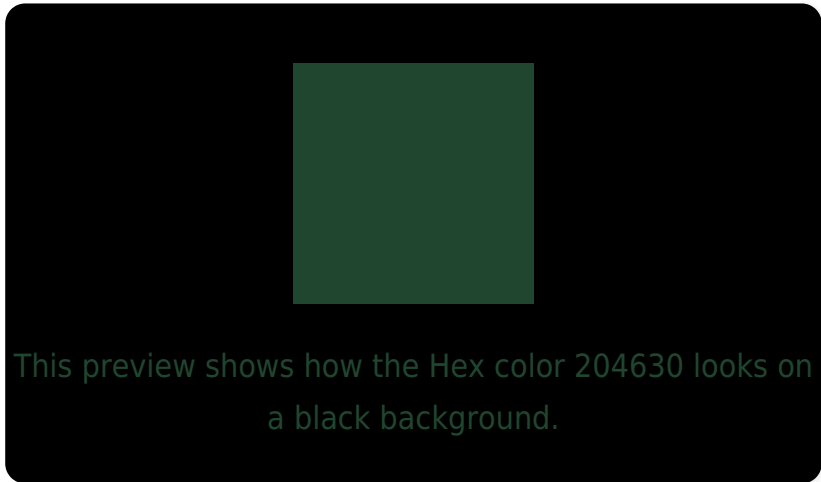
Large Text (above 18pt) WCAG AA ✓ Pass

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

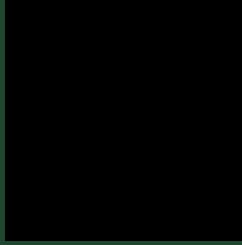
Any Text WCAG AA × Fail

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 204630 Background



This preview shows how black text looks on a background with the Hex color 204630.



This preview shows how white text looks on a background with the Hex color 204630.

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](#).

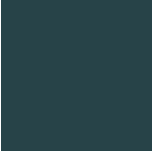
Dichromacy



Original Color
204630

Protanopia
433E2D

Deuteranopia
493C32



Tritanopia
274348

Trichromacy



Original Color
204630

Protanomaly
36412E

Deuteranomaly
3A4031

Tritanomaly
24443F

Monochromacy



Original Color
204630

Achromatopsia
383838

Achromatomaly
2F3D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 204630 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 #204630 looks like.

```
.text, #text, p{  
    color:#204630  
}
```

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 #204630 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204630
}
```

Border

The CSS property to change the border of an element to Hex 204630 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
#204630 }
```

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

```
.border{ border-color:#204630 }
```

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

Here you see how a box with a 4 pixel #204630 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204630; -webkit-box-shadow:4px 4px  
4px 4px #204630; box-shadow:4px 4px 4px  
4px #204630 }
```

Background

The CSS property to change the background color of an element to Hex 204630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204630 }
```

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

```
.background{ background-color:#204630 }
```

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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