

Converting Colors

Hex(20504D)

Have a look what the booklet for
Hex(20504D) contains.

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Color

Hex(20504D)

Conversions

Conversions Part 1

Format	Color
Hex	20504D
RGB	32, 80, 77
RGB Percent	13%, 31%, 30%
CMY	0.8745, 0.6863, 0.6980
CMYK	0.60, 0.00, 0.04, 0.69
HSL	176°, 43%, 22%
HSV	176°, 60%, 31%
XYZ	4.8039, 6.5802, 8.0381
YIQ	65.3060, -27.6450, -11.1090

Conversions

Conversions Part 2

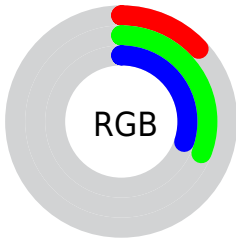
Format	Color
R_{YB}	32, 57, 80
Decimal	2117709
CIE _{Lab}	30.83, -16.99, -3.16
CIE _{LCh}	31, 17.286, 190.520
Yxy	6.5802, 0.2473, 0.3388
Android (android.graphics.Color)	4280307789 (0xFF20504D)
YUV	65.3060, 5.7651, -29.2094
Hunter-Lab	25.6519, -11.4629, -0.6223

Details

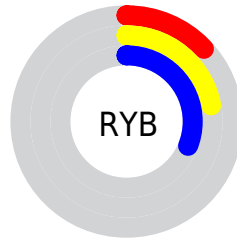
The Hex color **20504D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502023**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **52817E**, and **002321** is the 20% darker color. If you saturate the color by 10%, you get **18504D**, and if you desaturate by 10%, it is **28504E**.

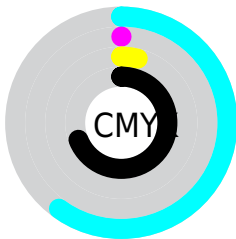
Distribution



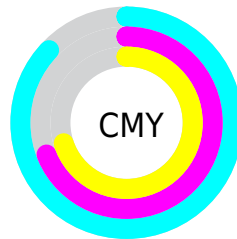
- Red (13%)
- Green (31%)
- Blue (30%)



- Red (13%)
- Yellow (22%)
- Blue (31%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20504D 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 20504D by changing the saturation by 10% instead.

■ 20504D

■ 20504D

FFFFFF

■ 033936

■ 52817E

■ 002321

■ 6B9C98

■ 00060B

■ 86B7B2

■ 000000

■ A0D2CE

■ BCEFEA

■ D8FFFF

■ F5FFFF

■ 20504D

■ 20504D

■ 18504D

■ 28504E

■ 10504C

■ 30504E

■ 08504C

■ 38504E

■ 00504B

■ 40504F

■ 485050

■ 505050

■ 585051

■ 605051

■ 685052

Harmonies

Analogous

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



2E4F3F



20504D



1C4F5A

Triad

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



20504D



50435D



5A452F

Complementary

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



20504D



502023

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.



624138



20504D



5E4052

Square

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



20504D



3E4863



633E44



4D492E

Rectangle

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



20504D



244D60



633E44



5D4332

Sweetspot

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



20504D



566967



235020



2A3635



B5B5B5



363636

Same Dimension

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



20504D



1D6964



203B50



252929



006962



00E8DA

Inverse Universe

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



502023



691D22



503520



292525



690007



E8000F

Previews

White Background



This preview shows how the Hex color 20504D looks on a white background.

Color Contrast Check

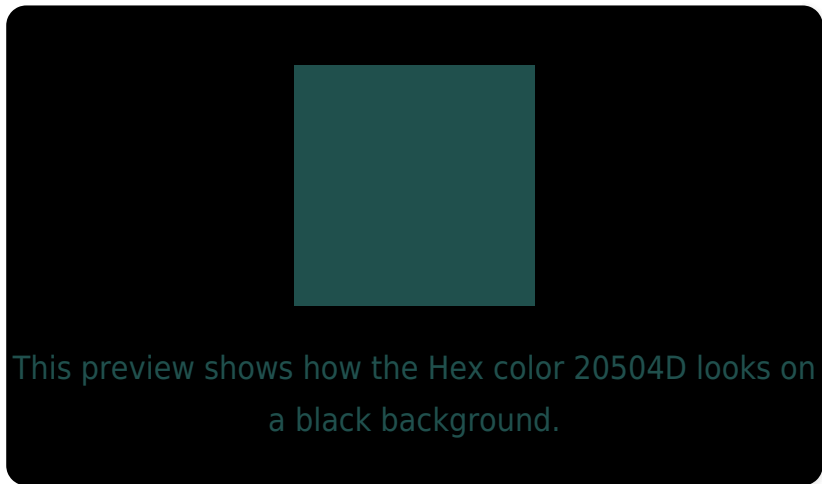
Large Text (above 18pt) WCAG AA ✓ Pass

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

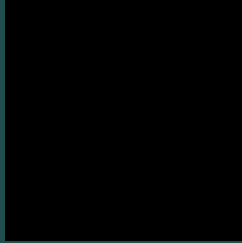
Any Text WCAG AA × Fail

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 20504D Background



This preview shows how black text looks on a background with the Hex color 20504D.



This preview shows how white text looks on a background with the Hex color 20504D.

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
20504D

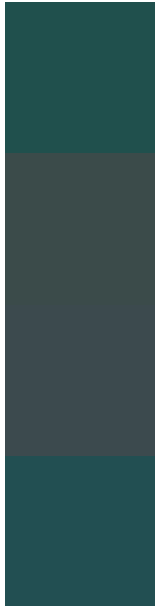
Protanopia
4A4848

Deuteranopia
4C464F



Tritanopia
234F55

Trichromacy



Original Color
20504D

Protanomaly
3B4B4A

Deuteranomaly
3C4A4E

Tritanomaly
224F52

Monochromacy



Original Color
20504D

Achromatopsia
414141

Achromatomaly
354645

CSS Examples

Text

The CSS property to change the color of the text to Hex 20504D 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 #20504D looks like.

```
.text, #text, p{  
    color:#20504D  
}
```

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 #20504D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20504D
}
```

Border

The CSS property to change the border of an element to Hex 20504D 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
#20504D }
```

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

```
.border{ border-color:#20504D }
```

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

Here you see how a box with a 4 pixel #20504D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20504D; -webkit-box-shadow:4px 4px  
4px 4px #20504D; box-shadow:4px 4px 4px  
4px #20504D }
```

Background

The CSS property to change the background color of an element to Hex 20504D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20504D }
```

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

```
.background{ background-color:#20504D }
```

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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