

Converting Colors

Hex(204E2F)

Have a look what the booklet for
Hex(204E2F) contains.

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Color

Hex(204E2F)

Conversions

Conversions Part 1

Format	Color
Hex	204E2F
RGB	32, 78, 47
RGB Percent	13%, 31%, 18%
CMY	0.8745, 0.6941, 0.8157
CMYK	0.59, 0.00, 0.40, 0.69
HSL	140°, 42%, 22%
HSV	140°, 59%, 31%
XYZ	3.8331, 5.9611, 3.6379
YIQ	60.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

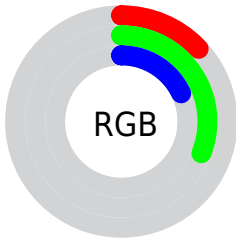
Format	Color
R_YB	32, 67, 78
Decimal	2117167
CIE Lab	29.31, -23.85, 13.71
CIE LCh	29, 27.514, 150.109
Yxy	5.9611, 0.2854, 0.4438
Android (android.graphics.Color)	4280307247 (0xFF204E2F)
YUV	60.7120, -6.7600, -25.1804
Hunter-Lab	24.4153, -14.7028, 8.2565

Details

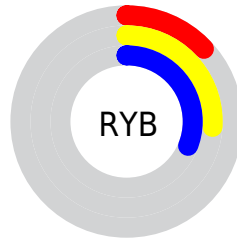
The Hex color **204E2F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4E203F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **51805D**, and **002200** is the 20% darker color. If you saturate the color by 10%, you get **184E2A**, and if you desaturate by 10%, it is **284E34**.

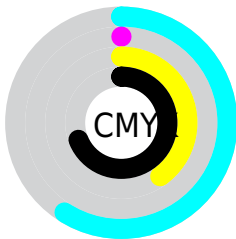
Distribution



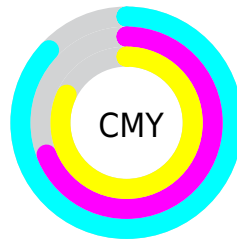
- Red (13%)
- Green (31%)
- Blue (18%)



- Red (13%)
- Yellow (26%)
- Blue (31%)



- Cyan (59%)
- Magenta (0%)
- Yellow (40%)
- Black (69%)



- Cyan (87%)
- Magenta (69%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 204E2F 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 204E2F by changing the saturation by 10% instead.



204E2F



204E2F

FFFFFF



05371A



51805D



002200



6A9A76



000000



84B590



9ED0AA



BAEDC6



D6FFE2



F2FFFE



204E2F



204E2F

■ 184E2A

■ 284E34

■ 104E24

■ 304E3A

■ 094E1F

■ 374E3F

■ 014E1A

■ 3F4E44

■ 004E19

■ 474E49

■ 4F4E4F

■ 574E54

■ 5E4E59

■ 664E5E

Harmonies

Analogous

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



3C4A1F



204E2F



005044

Triad

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



204E2F



1D4770



6C3531

Complementary

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



204E2F



4E203F

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.



6C3346



204E2F



463F6A

Square

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



204E2F



004D6A



5F375B



623C20

Rectangle

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



204E2F



005053



5F375B



6D3438

Sweetspot

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



204E2F



54665A



3F4E20



28332B



B3B3B3



333333

Same Dimension

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



204E2F



1E6635



204E46



222624



006621



00E64B

Inverse Universe

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



4E203F



661E4E



4E2028



262225



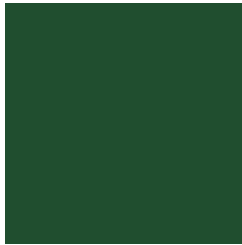
660045



E6009B

Previews

White Background



This preview shows how the Hex color 204E2F looks on a white background.

Color Contrast Check

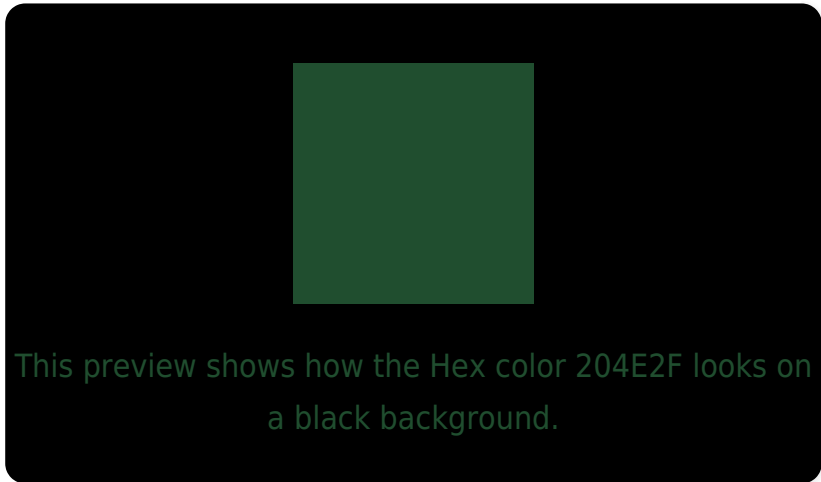
Large Text (above 18pt) WCAG AA ✓ Pass

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

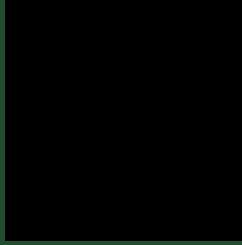
Any Text WCAG AA × Fail

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 204E2F Background



This preview shows how black text looks on a background with the Hex color 204E2F.



This preview shows how white text looks on a background with the Hex color 204E2F.

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](#).

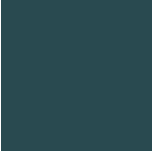
Dichromacy



Original Color
204E2F

Protanopia
4B452B

Deuteranopia
524232



Tritanopia
294A50

Trichromacy



Original Color
204E2F

Protanomaly
3B482C

Deuteranomaly
404631

Tritanomaly
264B44

Monochromacy



Original Color
204E2F

Achromatopsia
3D3D3D

Achromatomaly
324338

CSS Examples

Text

The CSS property to change the color of the text to Hex 204E2F 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 #204E2F looks like.

```
.text, #text, p{  
    color:#204E2F  
}
```

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 #204E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #204E2F
}
```

Border

The CSS property to change the border of an element to Hex 204E2F 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
#204E2F }
```

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

```
.border{ border-color:#204E2F }
```

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

Here you see how a box with a 4 pixel #204E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #204E2F; -webkit-box-shadow:4px 4px  
4px 4px #204E2F; box-shadow:4px 4px 4px  
4px #204E2F }
```

Background

The CSS property to change the background color of an element to Hex 204E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#204E2F }
```

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

```
.background{ background-color:#204E2F }
```

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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