

Converting Colors

HunterLab(20.4684, -4.5925,
-7.7774)

Have a look what the booklet for
HunterLab(20.4684, -4.5925,
-7.7774) contains.

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Color

**HunterLab(20.4074, -4.4572,
-7.9019)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 1F3D4D |
| RGB | 31, 61, 77 |
| RGB Percent | 12%, 24%, 30% |
| CMY | 0.8784, 0.7608, 0.6980 |
| CMYK | 0.60, 0.21, 0.00, 0.70 |
| HSL | 201°, 43%, 21% |
| HSV | 201°, 60%, 30% |
| XYZ | 3.5734, 4.1646, 7.6367 |
| YIQ | 53.8540, -23.0160, -1.3840 |

Conversions

Conversions Part 2

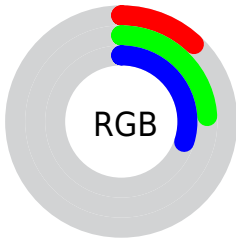
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 31, 49, 77 |
| Decimal | 2047309 |
| CIELab | 24.21, -5.81, -13.15 |
| CIELCh | 24, 14.381, 246.166 |
| Yxy | 4.1648, 0.2324, 0.2709 |
| Android (android.graphics.Color) | 4280237389 (0xFF1F3D4D) |
| YUV | 53.8540, 11.4110, -20.0430 |
| Hunter-Lab | 20.4074, -4.4572, -7.9019 |

Details

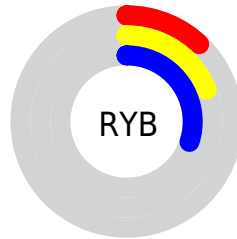
The HunterLab color **20.4074, -4.4572, -7.9019** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.2612, 6.3701, 7.9893**, and the grayscale version is **19.1258, -1.0205, 1.0391**.

A 20% lighter version of the original color is **37.2743, -6.0742, -8.5352**, and **7.5865, -1.3383, -6.5935** is the 20% darker color. If you saturate the color by 10%, you get **19.4431, -4.3787, -9.5067**, and if you desaturate by 10%, it is **21.4292, -4.3452, -6.2978**.

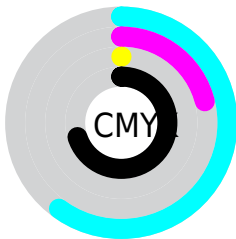
Distribution



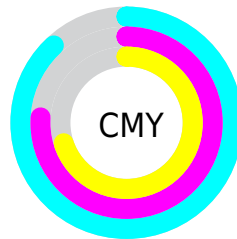
- Red (12%)
- Green (24%)
- Blue (30%)



- Red (12%)
- Yellow (19%)
- Blue (30%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4074, -4.4572, -7.9019 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 HunterLab color 20.4074, -4.4572, -7.9019 by changing the saturation by 10% instead.

■ 20.4074, -4.4572,
-7.9019

■ 20.4074, -4.4572,
-7.9019

■ 118.9252,
-12.5545, -7.8282

■ 13.2897, -3.5958,
-7.5568

■ 37.3941, -6.1643,
-8.3534

■ 6.8260, -4.0742,
-8.2933

■ 47.0870, -7.0292,
-8.4625

0.0000, NaN, -NF

■ 57.4972, -7.9076,
-8.5017

0.0000, NaN, NaN

■ 68.5783, -8.8018,
-8.4768

0.0000, NaN, NaN

■ 80.2920, -9.7129,
-8.3928

0.0000, NaN, NaN

■ 92.6057, -10.6418,

0.0000, NaN, NaN

-8.2543

0.0000, NaN, NaN

105.4916,
-11.5889, -8.0650

20.4074, -4.4572,
-7.9019

20.4074, -4.4572,
-7.9019

19.4431, -4.3787,
-9.5067

21.4292, -4.3452,
-6.2978

18.5379, -4.0982,
-11.1051

22.5043, -4.0566,
-4.7023

17.6917, -3.6173,
-12.6922

23.6297, -3.6062,
-3.1200

16.8613, -3.0937,
-14.3535

24.8021, -3.0090,
-1.5542

16.8395, -3.0802,
-14.3987

26.0185, -2.2791,
-0.0072

■ 27.2759, -1.4299,
1.5200

■ 28.5714, -0.4734,
3.0270

■ 29.9025, 0.5794,
4.5142

■ 31.2668, 1.7188,
5.9824

Harmonies

Analogous

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



20.4078, -7.5922, -4.3437



20.4074, -4.4572, -7.9019



20.4078, -0.1561, -8.8369

Triad

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



20.4078, -4.4572, -7.9015



20.4078, 8.2050, 1.9719



20.4078, -5.9310, 6.6831

Complementary

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



20.4074, -4.4572, -7.9019



19.2612, 6.3701, 7.9893

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.



20.4078, -2.0074, 7.6965



20.4074, -4.4572, -7.9019



20.4078, 6.3444, 5.3809

Square

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



20.4078, -4.4572, -7.9015



20.4078, 7.4070, -2.4876



20.4078, 2.5108, 7.2773



20.4078, -8.3903, 4.1539

Rectangle

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



20.4074, -4.4572, -7.9019



20.4078, 2.8513, -7.7026



20.4078, 2.5108, 7.2773



20.4078, -4.7532, 7.1843

Sweetspot

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



20.4078, -4.4572, -7.9015



32.4826, -3.8247, -1.8042



24.0813, -14.5768, 8.1341



16.5123, -2.0388, -1.1067



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



20.4078, -4.4572, -7.9015



24.7482, -5.5607, -13.3987



15.0218, 4.8375, -18.3714



13.4426, -1.1268, 0.0822



22.1742, -3.5697, -20.0098



52.3390, -6.1030, -52.2446

Inverse Universe

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



17.0142, 16.3130, -4.6155



20.0077, 26.1971, -6.6971



24.4422, -2.9239, 11.8651



13.1088, 0.5553, 0.2009



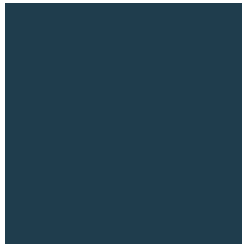
17.9564, 32.9757, -5.6443



43.5108, 79.5501, -10.9267

Previews

White Background



This preview shows how the HunterLab color 20.4074, -4.4572, -7.9019 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

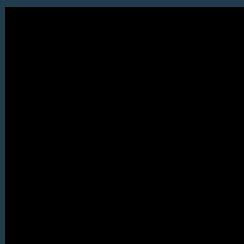
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

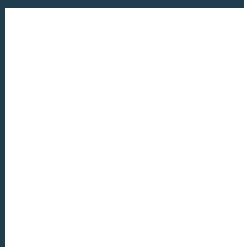
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 20.4074, -4.4572, -7.9019 Background



This preview shows how black text looks on a background with the HunterLab color 20.4074, -4.4572, -7.9019.



This preview shows how white text looks on a background with the HunterLab color 20.4074, -4.4572, -7.9019.

-7.9019.

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

20.4074, -4.4572, -7.9019

Protanopia

20.4391, 0.6263, -6.1877

Deuteranopia

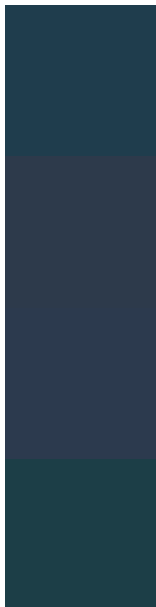
20.4453, 0.9198, -8.2875



Tritanopia

20.5070, -7.3990, -3.3047

Trichromacy



Original Color

20.4074, -4.4572, -7.9019

Protanomaly

20.2287, -1.2929, -7.0682

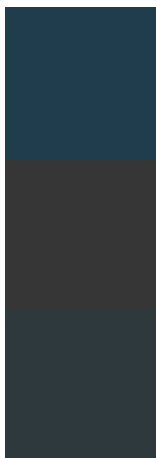
Deuteranomaly

20.2772, -0.9165, -8.5966

Tritanomaly

20.3643, -6.3715, -4.9191

Monochromacy



Original Color

20.4074, -4.4572, -7.9019

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6339, -2.9090, -1.7150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4074, -4.4572, -7.9019 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 `rgb(31, 61, 77)` looks like.

```
.text, #text, p{  
    color:rgb(31, 61, 77)  
}
```

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 rgb(31, 61, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 61, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4074, -4.4572, -7.9019 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 rgb(31, 61, 77) }
```


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

```
.border{ border-color:rgb(31, 61, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 61, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 61, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 61, 77);  
box-shadow:4px 4px 4px 4px rgb(31, 61, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4074, -4.4572, -7.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 61, 77) }
```

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

```
.background{ background-color: rgb(31, 61,  
77) }
```

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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