

Converting Colors

HunterLab(21.1882, -12.9086,
-31.4992)

Have a look what the booklet for
HunterLab(21.1882, -12.9086,
-31.4992) contains.

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Color

**HunterLab(23.9194, -2.3783,
-24.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	004772
RGB	0, 71, 114
RGB Percent	0%, 28%, 45%
CMY	0.9999, 0.7216, 0.5529
CMYK	1.00, 0.38, 0.00, 0.55
HSL	203°, 100%, 22%
HSV	203°, 100%, 45%
XYZ	5.2905, 5.7214, 16.7451
YIQ	54.6730, -56.1190, -1.6790

Conversions

Conversions Part 2

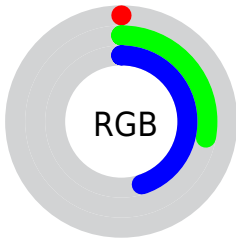
Format	Color
R_{YB}	0, 44, 114
Decimal	18290
CIE _{Lab}	28.70, -1.76, -30.09
CIE _{LCh}	29, 30.138, 266.657
Yxy	5.7216, 0.1906, 0.2061
Android (android.graphics.Color)	4278208370 (0xFF004772)
YUV	54.6730, 29.2482, -47.9482
Hunter-Lab	23.9194, -2.3783, -24.7631

Details

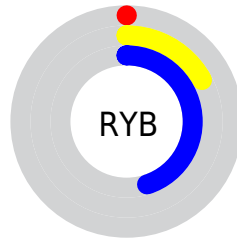
The HunterLab color **23.9194, -2.3783, -24.7631** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.0350, 20.1615, 14.5461**, and the grayscale version is **19.3539, -1.0327, 1.0515**.

A 20% lighter version of the original color is **41.6228, -3.5706, -25.8042**, and **11.0628, 3.2071, -20.7507** is the 20% darker color. If you saturate the color by 10%, you get **23.9183, -2.3764, -24.7659**, and if you desaturate by 10%, it is **25.2230, -3.6792, -21.9434**.

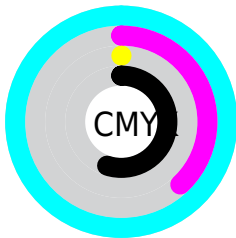
Distribution



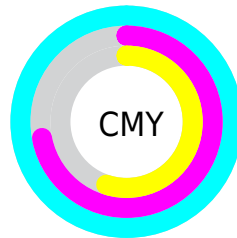
- Red (0%)
- Green (28%)
- Blue (45%)



- Red (0%)
- Yellow (17%)
- Blue (45%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (72%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9194, -2.3783, -24.7631 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 23.9194, -2.3783, -24.7631 by changing the saturation by 10% instead.

■ 23.9194, -2.3783,
-24.7631

■ 23.9194, -2.3783,
-24.7631

■ 125.1292, -8.6050,
-28.8267

■ 16.3601, -1.8407,
-24.4008

■ 41.6541, -3.5523,
-25.8872

■ 9.8249, -1.3366,
-24.6440

■ 51.6754, -4.1876,
-26.4536

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 62.3920, -4.8536,
-26.9805

0.0000, NaN, NaN

■ 73.7615, -5.5489,
-27.4576

0.0000, NaN, NaN

■ 85.7483, -6.2727,
-27.8810

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.3222, -7.0239,

-28.2498

0.0000, NaN, NaN

111.4568, -7.8016,
-28.5646

23.9194, -2.3783,
-24.7631

23.9194, -2.3783,
-24.7631

23.9183, -2.3764,
-24.7659

25.2230, -3.6792,
-21.9434

26.5970, -4.7608,
-19.1825

28.0786, -5.4846,
-16.4097

29.6640, -5.8609,
-13.6427

31.3478, -5.9103,
-10.8969

■ 33.1238, -5.6588,
-8.1838

■ 34.9854, -5.1340,
-5.5112

■ 36.9264, -4.3635,
-2.8836

■ 38.9409, -3.3734,
-0.3027

Harmonies

Analogous

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



23.9198, -10.8709, -19.3149



23.9194, -2.3783, -24.7631



23.9198, 7.8803, -21.2062

Triad

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



23.9198, -2.3779, -24.7626



23.9198, 18.2325, 8.0873



23.9198, -15.1986, 9.2725

Complementary

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



23.9194, -2.3783, -24.7631



23.0350, 20.1615, 14.5461

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.



23.9198, -9.2362, 12.4932



23.9194, -2.3783, -24.7631



23.9198, 10.1157, 12.0304

Square

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



23.9198, -2.3779, -24.7626



23.9198, 20.8575, 0.2215



23.9198, -0.1570, 13.2457



23.9198, -17.4750, 2.3344

Rectangle

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



23.9194, -2.3783, -24.7631



23.9198, 14.2079, -14.7682



23.9198, -0.1570, 13.2457



23.9198, -13.6118, 10.6974

Sweetspot

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



23.9198, -2.3779, -24.7626



46.1803, -6.8725, -7.5815



34.9293, -28.2567, 17.3409



21.8226, -3.4263, -4.1907



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



23.9198, -2.3779, -24.7626



31.3175, -2.5177, -33.7093



12.5006, 23.9788, -67.3843



19.0104, -1.5844, -0.0223



25.1708, -2.4024, -26.2752



54.6461, -2.8464, -62.1583

Inverse Universe

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



20.0815, 36.6520, -4.5850



26.5729, 48.4217, -5.4248



35.3039, -4.2301, 21.6794



18.5288, 0.9420, 0.2726



21.1788, 38.6446, -4.7274



47.0875, 85.5964, -8.0037

Previews

White Background



This preview shows how the HunterLab color 23.9194, -2.3783, -24.7631 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



This preview shows how the HunterLab color 23.9194, -2.3783, -24.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

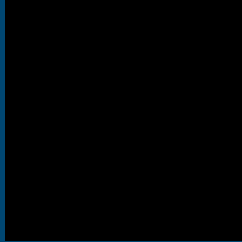
Any Text WCAG AA × Fail

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 23.9194, -2.3783, -24.7631 Background



This preview shows how black text looks on a background with the HunterLab color 23.9194, -2.3783, -24.7631.



This preview shows how white text looks on a background with the HunterLab color 23.9194, -2.3783, -24.7631.

-24.7631.

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

23.9194, -2.3783, -24.7631

Protanopia

24.1742, 3.3785, -21.2255

Deuteranopia

24.2263, 1.4453, -24.7417



Tritanopia

24.0062, -11.7506, -4.6394

Trichromacy



Original Color

23.9194, -2.3783, -24.7631

Protanomaly

23.6411, 0.3972, -23.1419

Deuteranomaly

24.0838, -0.3597, -25.0959

Tritanomaly

23.8493, -8.6205, -11.2003

Monochromacy



Original Color

23.9194, -2.3783, -24.7631

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.5344, -4.0643, -7.1601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9194, -2.3783, -24.7631 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(0, 71, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 114)  
}
```

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(0, 71, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9194, -2.3783, -24.7631 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(0, 71, 114) }
```


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

```
.border{ border-color:rgb(0, 71, 114) }
```

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

Here you see how a box with a 4 pixel rgb(0, 71, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 114)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.9194, -2.3783, -24.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 114) }
```

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

```
.background{ background-color: rgb(0, 71,  
114) }
```

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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