

Converting Colors

HunterLab(23.7261, -5.1379,
-18.5649)

Have a look what the booklet for
HunterLab(23.7261, -5.1379,
-18.5649) contains.

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Color

**HunterLab(23.7795, -5.0789,
-18.7584)**

Conversions

Conversions Part 1

Format	Color
Hex	004869
RGB	0, 72, 105
RGB Percent	0%, 28%, 41%
CMY	1.0000, 0.7176, 0.5882
CMYK	1.00, 0.31, 0.00, 0.59
HSL	199°, 100%, 21%
HSV	199°, 100%, 41%
XYZ	4.8672, 5.6546, 14.1995
YIQ	54.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

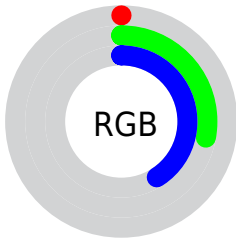
Format	Color
RYB	0, 43, 105
Decimal	18537
CIELab	28.52, -6.24, -24.66
CIElCh	29, 25.434, 255.799
Yxy	5.6548, 0.1969, 0.2287
Android (android.graphics.Color)	4278208617 (0xFF004869)
YUV	54.2340, 25.0276, -47.5632
Hunter-Lab	23.7795, -5.0789, -18.7584

Details

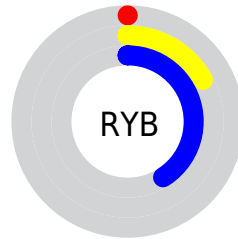
The HunterLab color **23.7795, -5.0789, -18.7584** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **20.2277, 20.8133, 12.8277**, and the grayscale version is **19.2181, -1.0254, 1.0442**.

A 20% lighter version of the original color is **41.3503, -6.8711, -19.7385**, and **10.8822, 0.6904, -15.0921** is the 20% darker color. If you saturate the color by 10%, you get **23.7788, -5.0777, -18.7601**, and if you desaturate by 10%, it is **24.8211, -5.9120, -16.7330**.

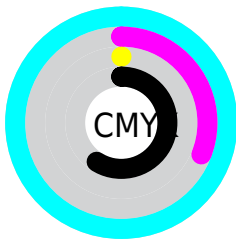
Distribution



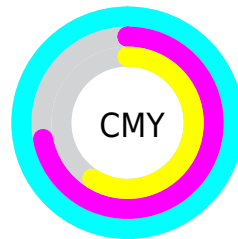
- Red (0%)
- Green (28%)
- Blue (41%)



- Red (0%)
- Yellow (17%)
- Blue (41%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7795, -5.0789, -18.7584 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 23.7795, -5.0789, -18.7584 by changing the saturation by 10% instead.

■ 23.7795, -5.0789,
-18.7584

■ 23.7795, -5.0789,
-18.7584

■ 124.8862,
-13.4369, -21.7446

■ 16.2369, -4.1890,
-18.2826

■ 41.4857, -6.8474,
-19.7876

■ 9.7210, -3.3383,
-18.0955

■ 51.4945, -7.7431,
-20.2420

0.0000, NaN, -NF

■ 62.1994, -8.6516,
-20.6384

0.0000, NaN, -NF

■ 73.5578, -9.5750,
-20.9746

0.0000, NaN, NaN

■ 85.5341, -10.5145,
-21.2512

0.0000, NaN, NaN

■ 98.0980, -11.4711,

0.0000, NaN, NaN

0.0000, NaN, NaN

-21.4701

0.0000, NaN, NaN

■ 111.2230,
-12.4451, -21.6338

■ 23.7795, -5.0789,
-18.7584

■ 23.7795, -5.0789,
-18.7584

■ 23.7788, -5.0777,
-18.7601

■ 24.8211, -5.9120,
-16.7330

■ 25.9116, -6.5845,
-14.7294

■ 27.0906, -6.9501,
-12.6784

■ 28.3571, -7.0125,
-10.5927

■ 29.7083, -6.7849,
-8.4851

■ 31.1403, -6.2856,
-6.3674

■ 32.6488, -5.5359,
-4.2492

■ 34.2291, -4.5581,
-2.1378

■ 35.8766, -3.3739,
-0.0387

Harmonies

Analogous

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



23.7799, -11.4516, -12.4485



23.7795, -5.0789, -18.7584



23.7799, 3.2566, -18.5660

Triad

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



23.7799, -5.0786, -18.7579



23.7799, 16.2161, 5.0853



23.7799, -11.7115, 9.6644

Complementary

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



23.7795, -5.0789, -18.7584



20.2277, 20.8133, 12.8277

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.



23.7799, -5.4816, 11.7933



23.7795, -5.0789, -18.7584



23.7799, 10.9779, 9.8408

Square

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



23.7799, -5.0786, -18.7579



23.7799, 16.3634, -2.7614



23.7799, 2.7942, 11.8443



23.7799, -14.9080, 4.7417

Rectangle

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



23.7795, -5.0789, -18.7584



23.7799, 8.8587, -14.7051



23.7799, 2.7942, 11.8443



23.7799, -9.9442, 10.6425

Sweetspot

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



23.7799, -5.0786, -18.7579



43.5082, -7.5081, -5.9334



31.9452, -26.2567, 16.7532



20.7570, -3.7937, -3.2885



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.7799, -5.0786, -18.7579



31.4745, -6.2745, -25.7955



12.4766, 18.4866, -55.4988



18.2740, -1.6446, 0.0871



26.6309, -5.5239, -21.3619



58.7643, -10.4140, -50.9696

Inverse Universe

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



18.6317, 34.4153, -7.4269



24.8866, 45.8966, -9.3259



30.5685, -0.9623, 18.8187



17.7440, 0.9285, 0.1469



20.9483, 38.6698, -8.1322



47.1151, 86.6750, -15.9807

Previews

White Background



This preview shows how the HunterLab color 23.7795, -5.0789, -18.7584 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 23.7795, -5.0789, -18.7584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

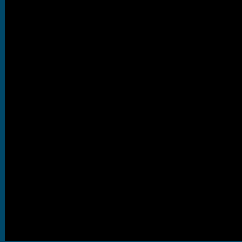
Any Text WCAG AA × Fail

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 23.7795, -5.0789, -18.7584 Background



This preview shows how black text looks on a background with the HunterLab color 23.7795, -5.0789, -18.7584.



This preview shows how white text looks on a background with the HunterLab color 23.7795, -5.0789, -18.7584.

-18.7584.

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

23.7795, -5.0789, -18.7584

Protanopia

24.0316, 2.0528, -14.9016

Deuteranopia

24.0399, 1.2998, -18.7938



Tritanopia

23.7197, -11.3982, -5.0420

Trichromacy



Original Color

23.7795, -5.0789, -18.7584

Protanomaly

23.6445, -1.7141, -16.9814

Deuteranomaly

23.6069, -1.5012, -19.7265

Tritanomaly

23.7397, -9.2559, -9.6917

Monochromacy



Original Color

23.7795, -5.0789, -18.7584

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.3927, -4.7795, -5.8442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7795, -5.0789, -18.7584 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, 72, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 72, 105)  
}
```

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, 72, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 72, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7795, -5.0789, -18.7584 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, 72, 105) }
```


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

```
.border{ border-color:rgb(0, 72, 105) }
```

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

Here you see how a box with a 4 pixel rgb(0, 72, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 72, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 72, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 72, 105)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7795, -5.0789, -18.7584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 72, 105) }
```

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

```
.background{ background-color: rgb(0, 72,  
105) }
```

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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