

Converting Colors

HunterLab(19.8545, -2.5946,
-12.2832)

Have a look what the booklet for
HunterLab(19.8545, -2.5946,
-12.2832) contains.

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Color

**HunterLab(19.7421, -2.4215,
-12.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	1C3A53
RGB	28, 58, 83
RGB Percent	11%, 23%, 33%
CMY	0.8902, 0.7725, 0.6745
CMYK	0.66, 0.30, 0.00, 0.67
HSL	207°, 50%, 22%
HSV	207°, 66%, 33%
XYZ	3.5533, 3.8975, 8.7486
YIQ	51.8800, -25.9050, 1.4150

Conversions

Conversions Part 2

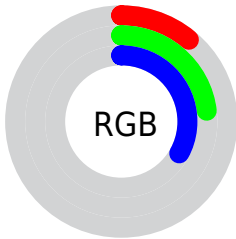
Format	Color
RYB	28, 47, 83
Decimal	1849939
CIELab	23.33, -2.34, -18.49
CIELCh	23, 18.639, 262.793
Yxy	3.8976, 0.2193, 0.2406
Android (android.graphics.Color)	4280040019 (0xFF1C3A53)
YUV	51.8800, 15.3422, -20.9428
Hunter-Lab	19.7421, -2.4215, -12.4546

Details

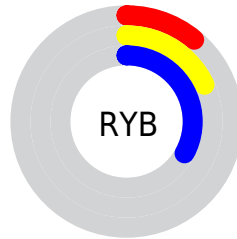
The HunterLab color **19.7421, -2.4215, -12.4546** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.1407, 5.6444, 10.0440**, and the grayscale version is **18.4473, -0.9843, 1.0023**.

A 20% lighter version of the original color is **36.6283, -3.5387, -13.4111**, and **6.9397, 1.2483, -11.3686** is the 20% darker color. If you saturate the color by 10%, you get **18.5196, -1.8206, -14.8200**, and if you desaturate by 10%, it is **21.0375, -2.7926, -10.1498**.

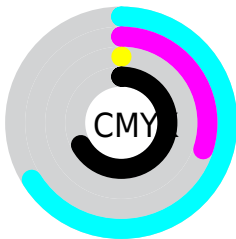
Distribution



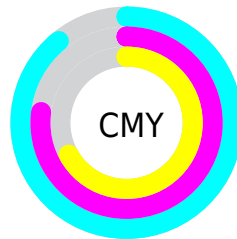
- Red (11%)
- Green (23%)
- Blue (33%)



- Red (11%)
- Yellow (18%)
- Blue (33%)



- Cyan (66%)
- Magenta (30%)
- Yellow (0%)
- Black (67%)



- Cyan (89%)
- Magenta (77%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7421, -2.4215, -12.4546 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 19.7421, -2.4215, -12.4546 by changing the saturation by 10% instead.

■ 19.7421, -2.4215,
-12.4546

■ 19.7421, -2.4215,
-12.4546

■ 117.7233, -8.7905,
-14.1112

■ 12.7140, -1.8540,
-12.0063

■ 36.5785, -3.6405,
-13.2700

■ 6.0718, -2.0024,
-14.2436

■ 46.2057, -4.2937,
-13.5807

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.5549, -4.9756,
-13.8224

0.0000, NaN, NaN

■ 67.5787, -5.6856,
-13.9979

0.0000, NaN, NaN

■ 79.2382, -6.4228,
-14.1109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5004, -7.1865,

-14.1651

0.0000, NaN, NaN

104.3370, -7.9760,
-14.1641

19.7421, -2.4215,
-12.4546

19.7421, -2.4215,
-12.4546

18.5196, -1.8206,
-14.8200

21.0375, -2.7926,
-10.1498

17.3746, -0.9727,
-17.2372

22.3989, -2.9547,
-7.9119

16.2858, 0.0413,
-19.7575

23.8211, -2.9292,
-5.7418

15.8812, 0.4211,
-20.7592

25.2988, -2.7367,
-3.6381

26.8274, -2.3961,
-1.5974

■ 28.4026, -1.9245,
0.3846

■ 30.0207, -1.3370,
2.3127

■ 31.6784, -0.6466,
4.1920

■ 33.3726, 0.1353,
6.0272

Harmonies

Analogous

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



19.7424, -7.3009, -9.2624



19.7421, -2.4215, -12.4546



19.7424, 3.4106, -11.2773

Triad

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



19.7424, -2.4214, -12.4542



19.7424, 10.1984, 4.7281



19.7424, -9.1059, 6.4321

Complementary

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



19.7421, -2.4215, -12.4546



21.1407, 5.6444, 10.0440

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.



19.7424, -5.1549, 8.5159



19.7421, -2.4215, -12.4546



19.7424, 6.0804, 7.7465

Square

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



19.7424, -2.4214, -12.4542



19.7424, 11.1456, -0.2898



19.7424, 0.3507, 8.9165



19.7424, -10.8633, 2.3481

Rectangle

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



19.7421, -2.4215, -12.4546



19.7424, 7.0259, -8.2978



19.7424, 0.3507, 8.9165



19.7424, -8.0135, 7.3359

Sweetspot

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



19.7424, -2.4214, -12.4542



34.1227, -3.3453, -3.2494



25.8616, -16.2058, 7.9988



16.7853, -1.6950, -1.8195



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



19.7424, -2.4214, -12.4542



23.1960, -1.7028, -21.3615



13.5593, 9.4962, -27.2628



14.1220, -1.0337, -0.0471



19.8482, 1.1589, -27.3104



45.7132, 6.3232, -70.7875

Inverse Universe

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



17.2486, 18.9334, -2.8001



20.2562, 29.7567, -3.0766



27.7433, -5.6750, 14.6478



13.8536, 0.5554, 0.3517



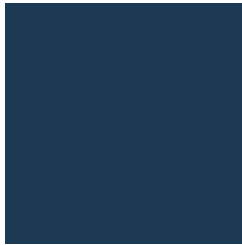
18.0880, 32.6108, -0.9828



43.2265, 77.5455, 0.6545

Previews

White Background



This preview shows how the HunterLab color 19.7421, -2.4215, -12.4546 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

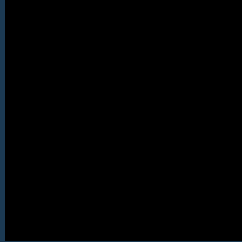
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

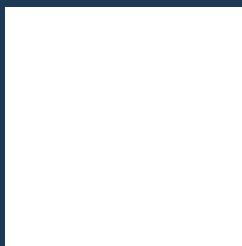
Any Text WCAG AAA × Fail

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

HunterLab 19.7421, -2.4215, -12.4546 Background



This preview shows how black text looks on a background with the HunterLab color 19.7421, -2.4215, -12.4546.



This preview shows how white text looks on a background with the HunterLab color 19.7421, -2.4215, -12.4546.

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

19.7421, -2.4215, -12.4546

Protanopia

19.7886, 1.3289, -10.5222

Deuteranopia

19.7131, 1.3838, -13.0553



Tritanopia

19.6454, -8.0157, -3.5905

Trichromacy



Original Color

19.7421, -2.4215, -12.4546

Protanomaly

19.6813, -0.2099, -11.3272

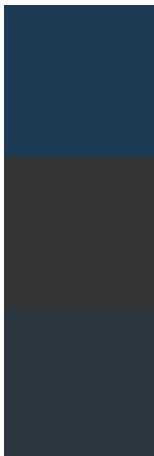
Deuteranomaly

19.6990, 0.0844, -13.1048

Tritanomaly

19.6727, -6.1505, -6.4628

Monochromacy



Original Color

19.7421, -2.4215, -12.4546

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.7371, -2.1848, -3.3730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7421, -2.4215, -12.4546 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(28, 58, 83)` looks like.

```
.text, #text, p{  
    color:rgb(28, 58, 83)  
}
```

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(28, 58, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 58, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7421, -2.4215, -12.4546 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(28, 58, 83) }
```


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

```
.border{ border-color:rgb(28, 58, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 58, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 58, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 58, 83);  
box-shadow:4px 4px 4px 4px rgb(28, 58, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7421, -2.4215, -12.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 58, 83) }
```

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

```
.background{ background-color: rgb(28, 58,  
83) }
```

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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