

Converting Colors

HunterLab(19.7862, -0.2956,
-20.9759)

Have a look what the booklet for
HunterLab(19.7862, -0.2956,
-20.9759) contains.

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Color

**HunterLab(19.7001, -0.1514,
-21.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	103960
RGB	16, 57, 96
RGB Percent	6%, 22%, 38%
CMY	0.9372, 0.7765, 0.6235
CMYK	0.83, 0.41, 0.00, 0.62
HSL	209°, 71%, 22%
HSV	209°, 83%, 38%
XYZ	3.7881, 3.8809, 11.6158
YIQ	49.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

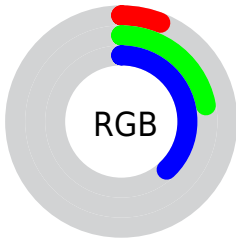
Format	Color
R_YB	16, 43, 96
Decimal	1063264
CIE Lab	23.27, 1.51, -27.14
CIE LCh	23, 27.183, 273.180
Yxy	3.8811, 0.1964, 0.2012
Android (android.graphics.Color)	4279253344 (0xFF103960)
YUV	49.1870, 23.0788, -29.1050
Hunter-Lab	19.7001, -0.1514, -21.1691

Details

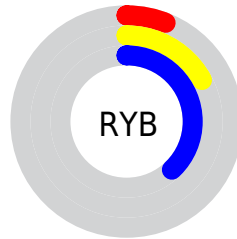
The HunterLab color **19.7001, -0.1514, -21.1691** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.9286, 8.7958, 13.0142**, and the grayscale version is **17.5227, -0.9350, 0.9520**.

A 20% lighter version of the original color is **36.6383, -0.9551, -22.1101**, and **7.3200, 4.5380, -18.9455** is the 20% darker color. If you saturate the color by 10%, you get **18.3590, 1.2582, -24.4039**, and if you desaturate by 10%, it is **21.1415, -1.2608, -18.0298**.

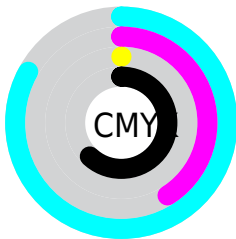
Distribution



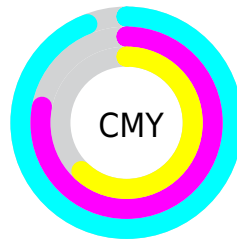
- Red (6%)
- Green (22%)
- Blue (38%)



- Red (6%)
- Yellow (17%)
- Blue (38%)



- Cyan (83%)
- Magenta (41%)
- Yellow (0%)
- Black (62%)



- Cyan (94%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7001, -0.1514, -21.1691 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 19.7001, -0.1514, -21.1691 by changing the saturation by 10% instead.

■ 19.7001, -0.1514,
-21.1691

■ 19.7001, -0.1514,
-21.1691

■ 117.6471, -4.6588,
-24.8566

■ 12.6778, 0.1032,
-20.8850

■ 36.5269, -0.8472,
-22.2299

■ 6.0207, 0.7698,
-25.2787

■ 46.1499, -1.2727,
-22.7629

0.0000, NaN, -NF

■ 56.4952, -1.7429,
-23.2513

0.0000, NaN, NaN

■ 67.5153, -2.2542,
-23.6857

0.0000, NaN, NaN

■ 79.1714, -2.8036,
-24.0629

0.0000, NaN, NaN

■ 91.4303, -3.3888,

0.0000, NaN, NaN

-24.3829

0.0000, NaN, NaN

104.2637, -4.0078,
-24.6468

19.7001, -0.1514,
-21.1691

19.7001, -0.1514,
-21.1691

18.3590, 1.2582,
-24.4039

21.1415, -1.2608,
-18.0298

17.4862, 2.2477,
-26.7084

22.6810, -2.0659,
-14.9888

24.3101, -2.5921,
-12.0555

26.0207, -2.8681,
-9.2320

27.8050, -2.9225,
-6.5154

■ 29.6561, -2.7819,
-3.8993

■ 31.5680, -2.4703,
-1.3758

■ 33.5352, -2.0085,
1.0637

■ 35.5532, -1.4149,
3.4281

Harmonies

Analogous

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



19.7004, -7.8031, -18.0778



19.7001, -0.1514, -21.1691



19.7004, 8.5562, -16.5359

Triad

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



19.7004, -0.1511, -21.1686



19.7004, 14.3155, 7.7478



19.7004, -13.4603, 6.8068

Complementary

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



19.7001, -0.1514, -21.1691



22.9286, 8.7958, 13.0142

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.



19.7004, -9.1120, 10.0667



19.7001, -0.1514, -21.1691



19.7004, 6.7512, 10.4289

Square

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



19.7004, -0.1511, -21.1686



19.7004, 17.7388, 1.9032



19.7004, -1.9375, 11.0576



19.7004, -14.6885, 0.2036

Rectangle

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



19.7001, -0.1514, -21.1691



19.7004, 13.5645, -10.4920



19.7004, -1.9375, 11.0576



19.7004, -12.3554, 8.2202

Sweetspot

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



19.7004, -0.1511, -21.1686



38.6466, -3.7493, -5.9919



29.5782, -21.1145, 10.6939



18.9602, -1.8947, -3.4014



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



19.7004, -0.1511, -21.1686



22.6933, 3.8136, -36.5971



11.6887, 18.1942, -48.6123



16.4462, -1.1575, -0.1436



20.3718, 3.1101, -32.1767



45.1655, 10.8577, -79.8915

Inverse Universe

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



17.7567, 26.7061, -1.5161



21.7411, 38.9365, 0.8374



32.6325, -7.9876, 19.0770



16.1536, 0.6954, 0.4455



19.3863, 34.7492, 0.5151



44.6081, 79.5893, 4.0448

Previews

White Background



This preview shows how the HunterLab color 19.7001, -0.1514, -21.1691 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 19.7001, -0.1514, -21.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

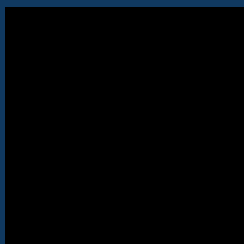
Any Text WCAG AA × Fail

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 19.7001, -0.1514, -21.1691 Background



This preview shows how black text looks on a background with the HunterLab color 19.7001, -0.1514, -21.1691.



This preview shows how white text looks on a background with the HunterLab color 19.7001, -0.1514, -21.1691.

-21.1691.

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

19.7001, -0.1514, -21.1691

Protanopia

19.6468, 3.1559, -19.0905

Deuteranopia

19.6649, 1.0070, -21.2302



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.7001, -0.1514, -21.1691

Protanomaly

19.5751, 1.7776, -19.9814

Deuteranomaly

19.5763, 0.7075, -21.4410

Tritanomaly

19.5096, -6.4147, -9.4280

Monochromacy



Original Color

19.7001, -0.1514, -21.1691

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

18.0073, -2.0297, -5.9101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7001, -0.1514, -21.1691 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(16, 57, 96)` looks like.

```
.text, #text, p{  
    color:rgb(16, 57, 96)  
}
```

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(16, 57, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 57, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7001, -0.1514, -21.1691 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(16, 57, 96) }
```


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

```
.border{ border-color:rgb(16, 57, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 57, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 57, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 57, 96);  
box-shadow:4px 4px 4px 4px rgb(16, 57, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7001, -0.1514, -21.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 57, 96) }
```

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

```
.background{ background-color: rgb(16, 57,  
96) }
```

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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