

Converting Colors

HunterLab(19.7570, 7.4493,
-31.6659)

Have a look what the booklet for
HunterLab(19.7570, 7.4493,
-31.6659) contains.

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Color

**HunterLab(19.7613, 7.5977,
-31.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	21346E
RGB	33, 52, 110
RGB Percent	13%, 20%, 43%
CMY	0.8706, 0.7961, 0.5686
CMYK	0.70, 0.53, 0.00, 0.57
HSL	225°, 54%, 28%
HSV	225°, 70%, 43%
XYZ	4.6696, 3.9051, 15.2595
YIQ	52.9310, -29.9420, 14.0100

Conversions

Conversions Part 2

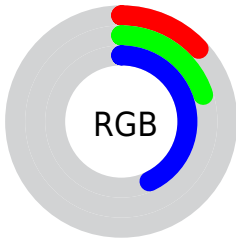
Format	Color
R_{YB}	33, 48, 110
Decimal	2176110
CIE Lab	23.36, 13.49, -36.03
CIE LCh	23, 38.475, 290.530
Yxy	3.9052, 0.1959, 0.1638
Android (android.graphics.Color)	4280366190 (0xFF21346E)
YUV	52.9310, 28.1350, -17.4795
Hunter-Lab	19.7613, 7.5977, -31.9502




Details

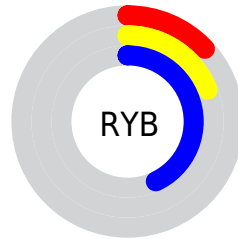
The HunterLab color **19.7613, 7.5977, -31.9502** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **33.0268, -1.3370, 17.7440**, and the grayscale version is **18.7607, -1.0010, 1.0193**.




A 20% lighter version of the original color is **36.5653, 8.3558, -32.7485**, and **7.0694, 11.5018, -33.6652** is the 20% darker color. If you saturate the color by 10%, you get **17.5401, 10.3730, -38.8755**, and if you desaturate by 10%, it is **22.1882, 5.2906, -25.6543**.

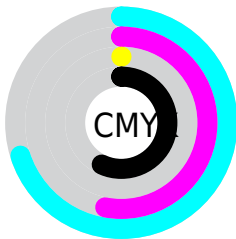
Distribution







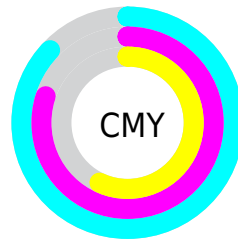
-  Red (13%)
-  Green (20%)
-  Blue (43%)






-  Red (13%)
-  Yellow (19%)
-  Blue (43%)



-  Cyan (70%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (57%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7613, 7.5977, -31.9502 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 19.7613, 7.5977, -31.9502 by changing the saturation by 10% instead.

■ 19.7613, 7.5977,
-31.9502

■ 19.7613, 7.5977,
-31.9502

■ 117.7580, 8.5688,
-36.7085

■ 12.7306, 6.9927,
-32.3201

■ 36.6020, 8.3975,
-32.7851

■ 6.0949, 9.3212,
-39.9950

■ 46.2312, 8.6380,
-33.4087

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.5821, 8.7925,
-34.0460

0.0000, NaN, NaN

■ 67.6076, 8.8714,
-34.6635

0.0000, NaN, NaN

■ 79.2686, 8.8827,
-35.2448

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5323, 8.8327,

-35.7815

0.0000, NaN, NaN

104.3703, 8.7267,
-36.2699

■ 19.7613, 7.5977,
-31.9502

■ 19.7613, 7.5977,
-31.9502

■ 17.5401, 10.3730,
-38.8755

■ 22.1882, 5.2906,
-25.6543

■ 15.5704, 13.6355,
-46.3402

■ 24.7830, 3.3897,
-19.9614

■ 13.8427, 17.1643,
-54.3539

■ 27.5176, 1.8281,
-14.7965

■ 13.8421, 17.1656,
-54.3570

■ 30.3703, 0.5441,
-10.0756

■ 33.3246, -0.5135,
-5.7207

■ 36.3675, -1.3862,
-1.6649

■ 39.4888, -2.1072,
2.1468

■ 42.6804, -2.7025,
5.7594

■ 45.9358, -3.1931,
9.2090

Harmonies

Analogous

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



19.7616, -4.6707, -34.5342



19.7613, 7.5977, -31.9502



19.7616, 19.8186, -18.2892

Triad

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



19.7616, 7.5982, -31.9496



19.7616, 15.6376, 11.6166



19.7616, -18.8989, 4.3235

Complementary

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



19.7613, 7.5977, -31.9502



33.0268, -1.3370, 17.7440

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.



19.7616, -15.7627, 10.4958



19.7613, 7.5977, -31.9502



19.7616, 2.8399, 13.3470

Square

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



19.7616, 7.5982, -31.9496



19.7616, 25.1679, 7.2732



19.7616, -8.4364, 12.9445



19.7616, -18.2031, -8.1486

Rectangle

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



19.7613, 7.5977, -31.9502



19.7616, 25.3803, -7.6110



19.7616, -8.4364, 12.9445



19.7616, -18.2924, 7.0281

Sweetspot

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



19.7616, 7.5982, -31.9496



43.5419, -0.4787, -8.4553



34.9662, -19.9385, 4.5096



20.6238, -0.1021, -4.6251



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



19.7616, 7.5982, -31.9496



21.5711, 16.3728, -57.6296



17.1771, 19.6925, -39.9898



18.4984, -0.7380, -0.6471



15.0310, 19.2323, -60.3045



31.7446, 48.5436, -144.4697

Inverse Universe

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



21.5659, 25.1168, 4.7966



25.8467, 39.2046, 9.0401



36.7059, -14.9228, 20.0322



18.4764, 0.6600, 1.0190



20.1839, 35.0191, 9.5264



44.9166, 77.6718, 23.2048

Previews

White Background



This preview shows how the HunterLab color 19.7613, 7.5977, -31.9502 looks on a white background.

Color Contrast Check

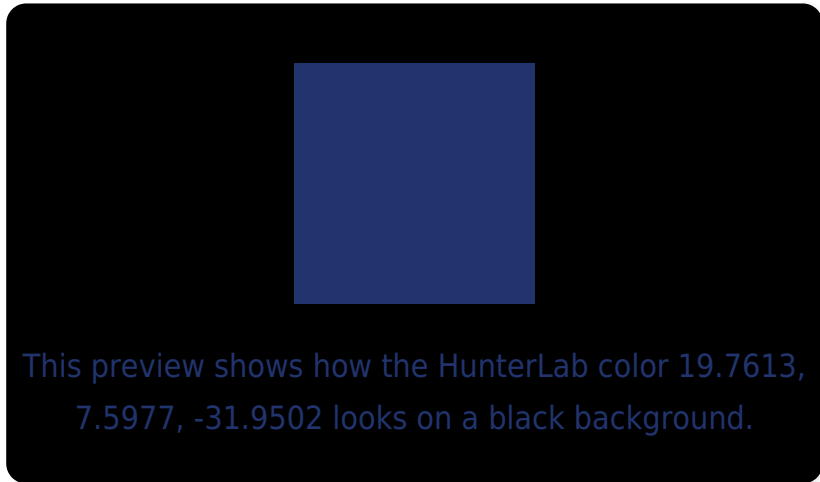
Large Text (above 18pt) WCAG AA ✓ Pass

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

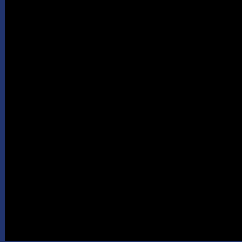
Any Text WCAG AA × Fail

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 19.7613, 7.5977, -31.9502 Background



This preview shows how black text looks on a background with the HunterLab color 19.7613, 7.5977, -31.9502.



This preview shows how white text looks on a background with the HunterLab color 19.7613, 7.5977, -31.9502.

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

19.7613, 7.5977, -31.9502

Protanopia

19.7731, 5.4861, -33.6849

Deuteranopia

19.5630, -0.3358, -23.7271



Tritanopia

19.6227, -9.4537, -4.1189

Trichromacy



Original Color

19.7613, 7.5977, -31.9502

Protanomaly

19.6583, 6.2155, -33.1358

Deuteranomaly

19.4674, 2.2968, -27.0451

Tritanomaly

19.3101, -3.9720, -13.2978

Monochromacy



Original Color

19.7613, 7.5977, -31.9502

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.0301, 0.8010, -8.4442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7613, 7.5977, -31.9502 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(33, 52, 110)` looks like.

```
.text, #text, p{  
    color:rgb(33, 52, 110)  
}
```

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(33, 52, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 52, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7613, 7.5977, -31.9502 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(33, 52, 110) }
```


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

```
.border{ border-color:rgb(33, 52, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 52, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 52, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 52, 110);  
box-shadow:4px 4px 4px 4px rgb(33, 52,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.7613, 7.5977, -31.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 52, 110) }
```

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

```
.background{ background-color: rgb(33, 52,  
110) }
```

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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