

Converting Colors

HunterLab(19.4951, 9.4881,
-51.1220)

Have a look what the booklet for
HunterLab(19.4951, 9.4881,
-51.1220) contains.

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Color

**HunterLab(20.1021, 10.9105,
-48.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	003481
RGB	0, 52, 129
RGB Percent	0%, 20%, 51%
CMY	0.9999, 0.7961, 0.4941
CMYK	1.00, 0.60, 0.00, 0.49
HSL	216°, 100%, 25%
HSV	216°, 100%, 51%
XYZ	5.1904, 4.0409, 21.2752
YIQ	45.2300, -55.7090, 12.9230

Conversions

Conversions Part 2

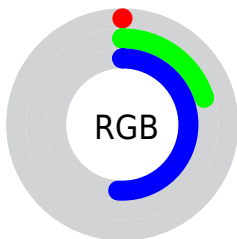
Format	Color
RYB	0, 37, 129
Decimal	13441
CIELab	23.81, 18.12, -47.42
CIELCh	24, 50.767, 290.909
Yxy	4.0410, 0.1701, 0.1325
Android (android.graphics.Color)	4278203521 (0xFF003481)
YUV	45.2300, 41.2986, -39.6667
Hunter-Lab	20.1021, 10.9105, -48.6786

Details

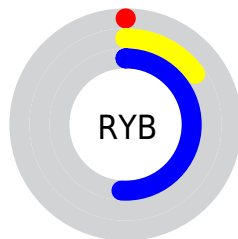
The HunterLab color **20.1021, 10.9105, -48.6786** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.5868, 10.8884, 19.6534**, and the grayscale version is **16.1579, -0.8621, 0.8779**.

A 20% lighter version of the original color is **37.1133, 12.2785, -48.4854**, and **8.7172, 15.6440, -44.6665** is the 20% darker color. If you saturate the color by 10%, you get **20.0999, 10.9156, -48.6869**, and if you desaturate by 10%, it is **22.0689, 7.7047, -42.0639**.

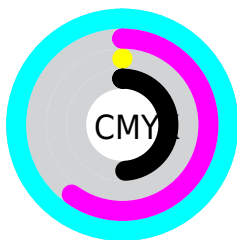
Distribution



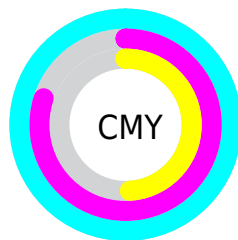
- Red (0%)
- Green (20%)
- Blue (51%)



- Red (0%)
- Yellow (15%)
- Blue (51%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.1021, 10.9105, -48.6786 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 20.1021, 10.9105, -48.6786 by changing the saturation by 10% instead.

■ 20.1021, 10.9105,
-48.6786

■ 20.1021, 10.9105,
-48.6786

■ 118.3746, 13.8263,
-53.1570

■ 13.0251, 10.0338,
-50.6598

■ 37.0201, 12.2184,
-48.4499

■ 6.4917, 11.8149,
-62.9309

■ 46.6829, 12.6929,
-48.9647

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.0652, 13.0699,
-49.6215

0.0000, NaN, -NF

■ 68.1202, 13.3612,
-50.3386

0.0000, NaN, NaN

■ 79.8091, 13.5757,
-51.0712

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.0992, 13.7209,

-51.7941

0.0000, NaN, NaN

104.9625, 13.8028,
-52.4923

20.1021, 10.9105,
-48.6786

20.1021, 10.9105,
-48.6786

20.0999, 10.9156,
-48.6869

22.0689, 7.7047,
-42.0639

24.2166, 4.9052,
-35.8411

26.5648, 2.6406,
-29.9388

29.0885, 0.8696,
-24.3930

31.7650, -0.4656,
-19.2004

■ 34.5746, -1.4248,
-14.3356

■ 37.5012, -2.0633,
-9.7641

■ 40.5311, -2.4292,
-5.4488

■ 43.6531, -2.5634,
-1.3546

Harmonies

Analogous

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



20.1023, -5.6368, -53.1696



20.1021, 10.9105, -48.6786



20.1023, 28.2319, -26.8510

Triad

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



20.1023, 10.9115, -48.6781



20.1023, 21.7981, 13.7328



20.1023, -23.0837, 5.1333

Complementary

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



20.1021, 10.9105, -48.6786



31.5868, 10.8884, 19.6534

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.



20.1023, -19.5874, 12.2087



20.1021, 10.9105, -48.6786



20.1023, 3.9366, 14.0716

Square

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



20.1023, 10.9115, -48.6781



20.1023, 35.7427, 8.8975



20.1023, -10.7771, 14.0716



20.1023, -22.2572, -12.1355

Rectangle

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



20.1021, 10.9105, -48.6786



20.1023, 36.2794, -10.7873



20.1023, -10.7771, 14.0716



20.1023, -22.4285, 8.4182

Sweetspot

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



20.1023, 10.9115, -48.6781



49.8990, -2.7127, -13.4921



40.2643, -29.9906, 14.4157



23.0798, -1.1647, -7.4247



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



20.1023, 10.9115, -48.6781



26.3664, 15.8219, -67.1106



12.8643, 34.3438, -87.1937



21.1521, -1.2350, -0.4795



19.8667, 10.7345, -48.0042

0.0000, NaN, NaN

Inverse Universe

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



22.1707, 39.0822, 5.6577



29.6194, 52.1260, 8.2715



44.2377, -15.4552, 26.9879



20.9063, 0.9302, 0.7969



21.8928, 38.5994, 5.5629

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.1021, 10.9105, -48.6786 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 20.1021, 10.9105, -48.6786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

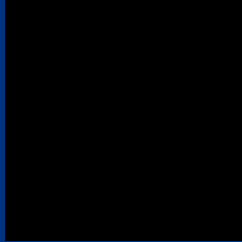
Any Text WCAG AA × Fail

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 20.1021, 10.9105, -48.6786 Background



This preview shows how black text looks on a background with the HunterLab color 20.1021, 10.9105, -48.6786.



This preview shows how white text looks on a background with the HunterLab color 20.1021, 10.9105, -48.6786.

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

20.1021, 10.9105, -48.6786

Protanopia

20.0418, 5.6921, -37.3381

Deuteranopia

20.1197, -0.9266, -23.1476



Tritanopia

20.1793, -10.1343, -3.3452

Trichromacy



Original Color

20.1021, 10.9105, -48.6786

Protanomaly

20.0470, 7.3935, -41.0174

Deuteranomaly

19.9400, 3.4495, -32.3697

Tritanomaly

19.9246, -3.8589, -16.5738

Monochromacy



Original Color

20.1021, 10.9105, -48.6786

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.0203, 0.2940, -13.3252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.1021, 10.9105, -48.6786 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, 52, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 129)  
}
```

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, 52, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 20.1021, 10.9105, -48.6786 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, 52, 129) }
```


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

```
.border{ border-color:rgb(0, 52, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 52, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 52, 129)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.1021, 10.9105, -48.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 129) }
```

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

```
.background{ background-color: rgb(0, 52,  
129) }
```

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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