

Converting Colors

HunterLab(20.5501, -5.6731,
-6.2821)

Have a look what the booklet for
HunterLab(20.5501, -5.6731,
-6.2821) contains.

HunterLab(20.4960, -5.6883, -6.2109)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.4960, -5.6883,
-6.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	1D3E4A
RGB	29, 62, 74
RGB Percent	11%, 24%, 29%
CMY	0.8863, 0.7569, 0.7098
CMYK	0.61, 0.16, 0.00, 0.71
HSL	196°, 44%, 20%
HSV	196°, 61%, 29%
XYZ	3.4653, 4.2009, 7.1067
YIQ	53.5010, -23.5200, -3.2640

Conversions

Conversions Part 2

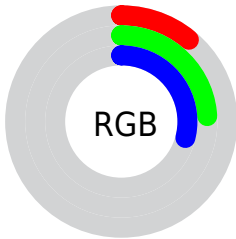
Format	Color
RYB	29, 48, 74
Decimal	1916490
CIELab	24.33, -8.02, -11.00
CIElCh	24, 13.612, 233.911
Yxy	4.2010, 0.2346, 0.2844
Android (android.graphics.Color)	4280106570 (0xFF1D3E4A)
YUV	53.5010, 10.1060, -21.4874
Hunter-Lab	20.4960, -5.6883, -6.2109

Details

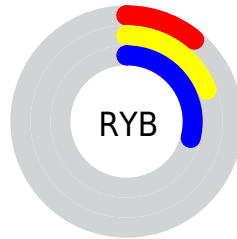
The HunterLab color **20.4960, -5.6883, -6.2109** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.6934, 7.7649, 7.1429**, and the grayscale version is **19.0107, -1.0144, 1.0329**.

A 20% lighter version of the original color is **37.6294, -7.9238, -6.4772**, and **7.7075, -2.2673, -4.7391** is the 20% darker color. If you saturate the color by 10%, you get **19.7361, -5.8175, -7.4033**, and if you desaturate by 10%, it is **21.3088, -5.3776, -4.9900**.

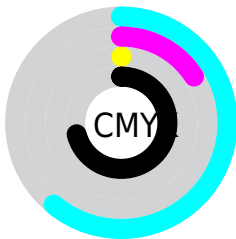
Distribution



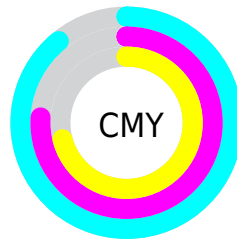
- Red (11%)
- Green (24%)
- Blue (29%)



- Red (11%)
- Yellow (19%)
- Blue (29%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4960, -5.6883, -6.2109 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 20.4960, -5.6883, -6.2109 by changing the saturation by 10% instead.

■ 20.4960, -5.6883,
-6.2109

■ 20.4960, -5.6883,
-6.2109

■ 119.0846,
-14.8886, -5.3698

■ 13.3665, -4.6362,
-5.9447

■ 37.5025, -7.7092,
-6.4810

■ 6.9197, -5.4186,
-6.5393

■ 47.2040, -8.7095,
-6.4993

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 57.6223, -9.7133,
-6.4498

0.0000, NaN, NaN

■ 68.7110, -10.7247,
-6.3386

0.0000, NaN, NaN

■ 80.4318, -11.7464,
-6.1710

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7523, -12.7802,

-5.9513

0.0000, NaN, NaN

105.6447,
-13.8273, -5.6832

20.4960, -5.6883,
-6.2109

20.4960, -5.6883,
-6.2109

19.7361, -5.8175,
-7.4033

21.3088, -5.3776,
-4.9900

19.0289, -5.7587,
-8.5612

22.1717, -4.8950,
-3.7483

18.3699, -5.5296,
-9.6875

23.0828, -4.2521,
-2.4917

17.7699, -5.3048,
-10.7593

24.0400, -3.4613,
-1.2255

25.0407, -2.5352,
0.0459

■ 26.0825, -1.4861,
1.3189

■ 27.1631, -0.3256,
2.5909

■ 28.2801, 0.9355,
3.8598

■ 29.4314, 2.2874,
5.1242

Harmonies

Analogous

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



20.4964, -8.0413, -2.2909



20.4960, -5.6883, -6.2109



20.4964, -1.9541, -8.2140

Triad

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



20.4964, -5.6883, -6.2105



20.4964, 7.6778, 0.2741



20.4964, -4.3021, 7.0245

Complementary

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



20.4960, -5.6883, -6.2109



17.6934, 7.7649, 7.1429

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.



20.4964, -0.2210, 7.4366



20.4960, -5.6883, -6.2109



20.4964, 6.9211, 4.0223

Square

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



20.4964, -5.6883, -6.2105



20.4964, 5.9338, -4.0102



20.4964, 3.9428, 6.4547



20.4964, -7.2877, 5.1858

Rectangle

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



20.4960, -5.6883, -6.2109



20.4964, 0.9066, -7.9523



20.4964, 3.9428, 6.4547



20.4964, -3.0221, 7.3165

Sweetspot

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



20.4964, -5.6883, -6.2105



32.0010, -4.3253, -1.2648



23.0516, -14.4549, 8.7300



15.9647, -2.2644, -0.7690



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



20.4964, -5.6883, -6.2105



25.5676, -7.6701, -10.5486



15.1336, 3.1226, -16.0018



13.5145, -1.2437, 0.1679



24.4222, -6.9190, -15.5895



58.1392, -14.9453, -40.4063

Inverse Universe

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



16.3784, 16.3816, -6.1195



19.5768, 26.5445, -9.3225



22.5212, -1.2919, 10.7943



13.1163, 0.5954, 0.0949



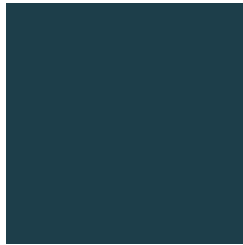
18.2484, 34.0198, -9.6713



44.2479, 82.1905, -21.1326

Previews

White Background



This preview shows how the HunterLab color 20.4960, -5.6883, -6.2109 looks on a white background.

Color Contrast Check

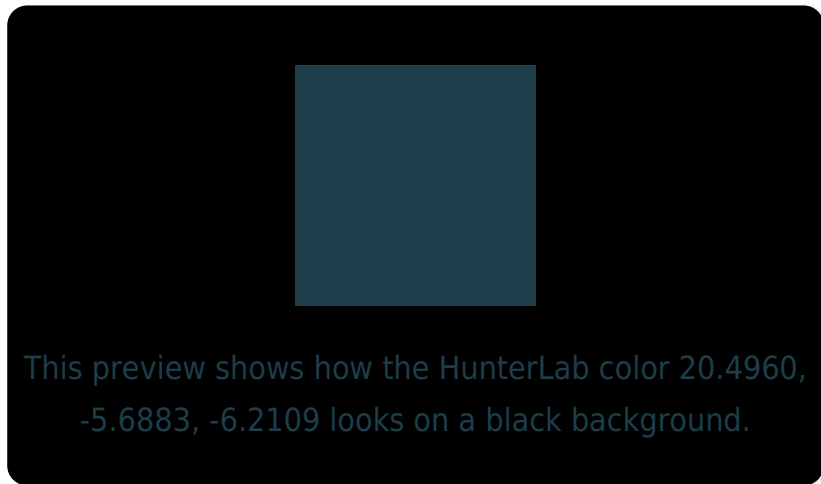
Large Text (above 18pt) WCAG AA ✓ Pass

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

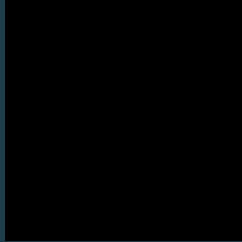
Any Text WCAG AA × Fail

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 20.4960, -5.6883, -6.2109 Background



This preview shows how black text looks on a background with the HunterLab color 20.4960, -5.6883, -6.2109.



This preview shows how white text looks on a background with the HunterLab color 20.4960, -5.6883, -6.2109.

-6.2109.

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

20.4960, -5.6883, -6.2109

Protanopia

20.4778, 0.5650, -4.6315

Deuteranopia

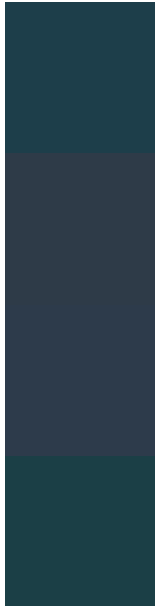
20.5390, 1.0311, -6.5415



Tritanopia

20.4743, -7.5229, -3.3523

Trichromacy



Original Color

20.4960, -5.6883, -6.2109

Protanomaly

20.4369, -2.0471, -5.2293

Deuteranomaly

20.4788, -1.7035, -6.6830

Tritanomaly

20.5675, -7.0496, -4.1532

Monochromacy



Original Color

20.4960, -5.6883, -6.2109

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.5475, -3.2739, -1.4031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4960, -5.6883, -6.2109 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(29, 62, 74)` looks like.

```
.text, #text, p{  
    color:rgb(29, 62, 74)  
}
```

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(29, 62, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 62, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4960, -5.6883, -6.2109 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(29, 62, 74) }
```


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

```
.border{ border-color:rgb(29, 62, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 62, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 62, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 62, 74);  
box-shadow:4px 4px 4px 4px rgb(29, 62, 74)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4960, -5.6883, -6.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 62, 74) }
```

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

```
.background{ background-color: rgb(29, 62,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor