

Converting Colors

HunterLab(20.5990, -5.4875,
-5.2514)

Have a look what the booklet for
HunterLab(20.5990, -5.4875,
-5.2514) contains.

HunterLab(20.5827, -5.4971, -5.0738)	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(20.5827, -5.4971,
-5.0738)**

Conversions

Conversions Part 1

Format	Color
Hex	213E48
RGB	33, 62, 72
RGB Percent	13%, 24%, 28%
CMY	0.8706, 0.7569, 0.7176
CMYK	0.54, 0.14, 0.00, 0.72
HSL	195°, 37%, 21%
HSV	195°, 54%, 28%
XYZ	3.5195, 4.2365, 6.7631
YIQ	54.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

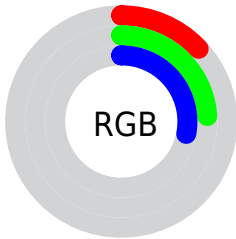
Format	Color
R_{YB}	33, 50, 72
Decimal	2178632
CIE _{Lab}	24.44, -7.65, -9.48
CIE _{LCh}	24, 12.184, 231.119
Yxy	4.2366, 0.2424, 0.2918
Android (android.graphics.Color)	4280368712 (0xFF213E48)
YUV	54.4690, 8.6428, -18.8283
Hunter-Lab	20.5827, -5.4971, -5.0738

Details

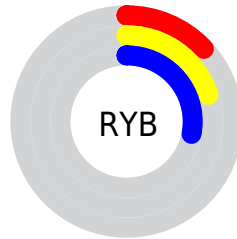
The HunterLab color **20.5827, -5.4971, -5.0738** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.9316, 6.5564, 6.4061**, and the grayscale version is **19.3427, -1.0321, 1.0509**.

A 20% lighter version of the original color is **37.7588, -7.6502, -4.7690**, and **7.6748, -2.4547, -4.2937** is the 20% darker color. If you saturate the color by 10%, you get **19.8315, -5.7704, -6.2106**, and if you desaturate by 10%, it is **21.3838, -5.0547, -3.9110**.

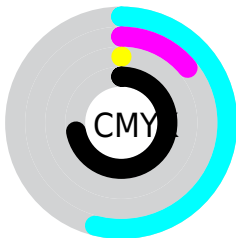
Distribution



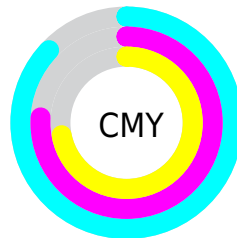
- Red (13%)
- Green (24%)
- Blue (28%)



- Red (13%)
- Yellow (20%)
- Blue (28%)



- Cyan (54%)
- Magenta (14%)
- Yellow (0%)
- Black (72%)



- Cyan (87%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5827, -5.4971, -5.0738 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 20.5827, -5.4971, -5.0738 by changing the saturation by 10% instead.

■ 20.5827, -5.4971,
-5.0738

■ 20.5827, -5.4971,
-5.0738

■ 119.2404,
-14.5124, -3.6651

■ 13.4417, -4.4779,
-4.8745

■ 37.6086, -7.4648,
-5.2040

■ 7.0100, -5.1283,
-5.3909

■ 47.3185, -8.4423,
-5.1547

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7446, -9.4251,
-5.0398

0.0000, NaN, NaN

■ 68.8407, -10.4169,
-4.8656

0.0000, NaN, NaN

■ 80.5685, -11.4201,
-4.6372

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8957, -12.4364,

-4.3587

0.0000, NaN, NaN

105.7944,
-13.4669, -4.0337

20.5827, -5.4971,
-5.0738

20.5827, -5.4971,
-5.0738

19.8315, -5.7704,
-6.2106

21.3838, -5.0547,
-3.9110

19.1304, -5.8663,
-7.3161

22.2318, -4.4531,
-2.7295

18.4803, -5.7803,
-8.3836

23.1251, -3.7042,
-1.5344

17.8637, -5.5774,
-9.4390

24.0614, -2.8198,
-0.3303

17.5030, -5.4656,
-10.0787

25.0384, -1.8118,
0.8789

■ 26.0538, -0.6916,
2.0900

■ 27.1055, 0.5301,
3.3008

■ 28.1914, 1.8435,
4.5094

■ 29.3093, 3.2395,
5.7146

Harmonies

Analogous

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



20.5831, -7.4946, -1.5509



20.5827, -5.4971, -5.0738



20.5831, -2.2177, -7.0188

Triad

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



20.5831, -5.4972, -5.0734



20.5831, 6.6469, 0.0157



20.5831, -3.6720, 6.6168

Complementary

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



20.5827, -5.4971, -5.0738



17.9316, 6.5564, 6.4061

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.



20.5831, 0.0434, 6.8830



20.5827, -5.4971, -5.0738



20.5831, 6.1867, 3.4756

Square

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



20.5831, -5.4972, -5.0734



20.5831, 4.9169, -3.7494



20.5831, 3.7018, 5.8389



20.5831, -6.4953, 5.0309

Rectangle

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



20.5827, -5.4971, -5.0738



20.5831, 0.3320, -6.9539



20.5831, 3.7018, 5.8389



20.5831, -2.4926, 6.8506

Sweetspot

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



20.5831, -5.4972, -5.0734



31.4342, -4.0253, -0.8304



22.6512, -13.0341, 7.8093



16.1687, -2.1381, -0.5078



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.



20.5831, -5.4972, -5.0734



25.8384, -7.6837, -8.7020



15.8146, 2.2562, -13.2011



12.7442, -1.1765, 0.1786



24.0841, -7.1708, -14.6233



58.1633, -15.8510, -38.4814

Inverse Universe

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



16.7731, 14.1300, -5.5274



20.1153, 23.3143, -8.7898



22.2714, -1.4389, 9.8675



12.3685, 0.5415, 0.0887



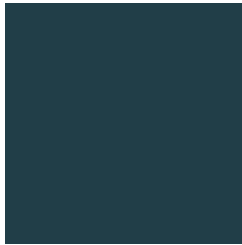
17.8096, 33.2718, -9.9822



43.7930, 81.5172, -22.2465

Previews

White Background



This preview shows how the HunterLab color 20.5827, -5.4971, -5.0738 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

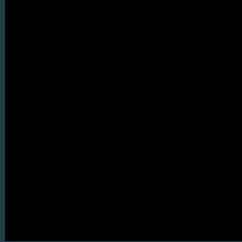
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

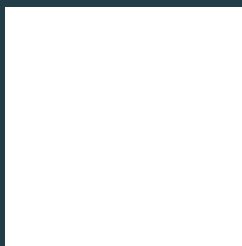
Any Text WCAG AAA × Fail

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

HunterLab 20.5827, -5.4971, -5.0738 Background



This preview shows how black text looks on a background with the HunterLab color 20.5827, -5.4971, -5.0738.



This preview shows how white text looks on a background with the HunterLab color 20.5827, -5.4971, -5.0738.

-5.0738.

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

20.5827, -5.4971, -5.0738

Protanopia

20.4858, 0.4688, -3.6635

Deuteranopia

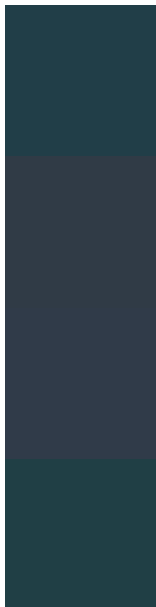
20.6108, 1.1420, -5.4122



Tritanopia

20.6487, -6.8647, -3.0996

Trichromacy



Original Color

20.5827, -5.4971, -5.0738

Protanomaly

20.4903, -1.9845, -4.1751

Deuteranomaly

20.5848, -1.4635, -5.4967

Tritanomaly

20.7166, -6.5506, -3.4627

Monochromacy



Original Color

20.5827, -5.4971, -5.0738

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6062, -3.0636, -1.3232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5827, -5.4971, -5.0738 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, 62, 72)` looks like.

```
.text, #text, p{  
    color:rgb(33, 62, 72)  
}
```

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, 62, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 62, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5827, -5.4971, -5.0738 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, 62, 72) }
```


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

```
.border{ border-color:rgb(33, 62, 72) }
```

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

Here you see how a box with a 4 pixel rgb(33, 62, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 62, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 62, 72);  
box-shadow:4px 4px 4px 4px rgb(33, 62, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5827, -5.4971, -5.0738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 62, 72) }
```

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

```
.background{ background-color: rgb(33, 62,  
72) }
```

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