

Converting Colors

HunterLab(20.8412, 0.2611,
-12.6225)

Have a look what the booklet for
HunterLab(20.8412, 0.2611,
-12.6225) contains.

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Color

**HunterLab(20.8078, 0.3069,
-12.8656)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3B57
RGB	43, 59, 87
RGB Percent	17%, 23%, 34%
CMY	0.8314, 0.7686, 0.6588
CMYK	0.51, 0.32, 0.00, 0.66
HSL	218°, 34%, 25%
HSV	218°, 51%, 34%
XYZ	4.2805, 4.3296, 9.6269
YIQ	57.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

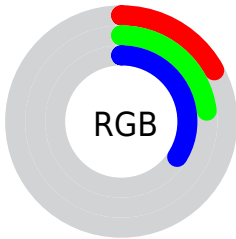
Format	Color
RYB	43, 55, 87
Decimal	2833239
CIELab	24.73, 2.32, -18.87
CIElCh	25, 19.012, 277.010
Yxy	4.3298, 0.2347, 0.2374
Android (android.graphics.Color)	4281023319 (0xFF2B3B57)
YUV	57.4080, 14.5889, -12.6358
Hunter-Lab	20.8078, 0.3069, -12.8656

Details

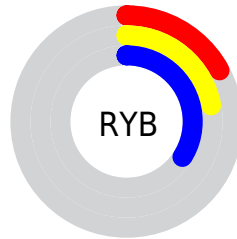
The HunterLab color **20.8078, 0.3069, -12.8656** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.8985, 0.3040, 10.7312**, and the grayscale version is **20.3237, -1.0844, 1.1042**.

A 20% lighter version of the original color is **37.8660, -0.3462, -13.7305**, and **7.3331, 1.8501, -13.1595** is the 20% darker color. If you saturate the color by 10%, you get **19.0319, 1.2499, -16.3410**, and if you desaturate by 10%, it is **22.6672, -0.4112, -9.6251**.

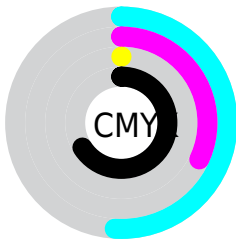
Distribution



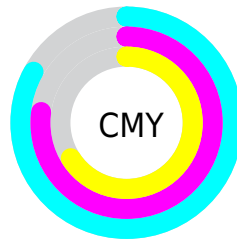
- Red (17%)
- Green (23%)
- Blue (34%)



- Red (17%)
- Yellow (22%)
- Blue (34%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (66%)



- Cyan (83%)
- Magenta (77%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8078, 0.3069, -12.8656 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 20.8078, 0.3069, -12.8656 by changing the saturation by 10% instead.

■ 20.8078, 0.3069,
-12.8656

■ 20.8078, 0.3069,
-12.8656

■ 119.6441, -3.8724,
-14.5550

■ 13.6371, 0.5088,
-12.4100

■ 37.8836, -0.2991,
-13.6852

■ 7.2387, 1.0102,
-13.0950

■ 47.6154, -0.6847,
-13.9984

0.0000, NaN, -NF

■ 58.0618, -1.1174,
-14.2433

0.0000, NaN, NaN

■ 69.1770, -1.5934,
-14.4226

0.0000, NaN, NaN

■ 80.9229, -2.1093,
-14.5399

0.0000, NaN, NaN

■ 93.2672, -2.6625,

0.0000, NaN, NaN

-14.5988

0.0000, NaN, NaN

106.1824, -3.2508,
-14.6027

■ 20.8078, 0.3069,
-12.8656

■ 20.8078, 0.3069,
-12.8656

■ 19.0319, 1.2499,
-16.3410

■ 22.6672, -0.4112,
-9.6251

■ 17.3510, 2.4556,
-20.0770

■ 24.5986, -0.9384,
-6.5923

■ 15.7805, 3.9616,
-24.0847

■ 26.5940, -1.3040,
-3.7384

■ 14.3360, 5.7917,
-28.3565

■ 28.6464, -1.5324,
-1.0374

■ 13.0447, 7.6463,
-32.8110

■ 30.7501, -1.6440,
1.5336

■ 32.9003, -1.6557,
3.9945

■ 35.0929, -1.5813,
6.3622

■ 37.3247, -1.4321,
8.6509

■ 39.5927, -1.2177,
10.8727

Harmonies

Analogous

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



20.8082, -5.4037, -11.6210



20.8078, 0.3069, -12.8656



20.8082, 6.2518, -9.5977

Triad

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



20.8082, 0.3069, -12.8651



20.8082, 8.8610, 6.6877



20.8082, -10.6514, 4.9589

Complementary

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



20.8078, 0.3069, -12.8656



25.8985, 0.3040, 10.7312

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.



20.8082, -7.5746, 8.0967



20.8078, 0.3069, -12.8656



20.8082, 3.5598, 8.8807

Square

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



20.8082, 0.3069, -12.8651



20.8082, 11.5383, 2.4206



20.8082, -2.4927, 9.3118



20.8082, -11.3144, -0.2433

Rectangle

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



20.8078, 0.3069, -12.8656



20.8082, 9.4080, -5.7260



20.8082, -2.4927, 9.3118



20.8082, -9.8834, 6.2402

Sweetspot

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



20.8082, 0.3069, -12.8651



36.0969, -1.8759, -3.0647



27.8986, -13.3917, 4.3350



17.6658, -0.9079, -1.7302



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



20.8082, 0.3069, -12.8651



24.3253, 1.9763, -22.4818



17.5092, 8.5527, -19.5944



14.7186, -0.7915, -0.2870



15.8463, 10.3744, -42.2020



35.3845, 29.9411, -108.8619

Inverse Universe

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



20.1741, 14.1018, 0.5173



23.8045, 23.2983, 1.1961



29.5739, -8.0004, 13.5009



14.5961, 0.5070, 0.6326



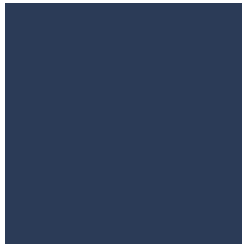
18.1056, 31.8134, 5.4436



42.7258, 74.7157, 15.6201

Previews

White Background



This preview shows how the HunterLab color 20.8078, 0.3069, -12.8656 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 20.8078, 0.3069, -12.8656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

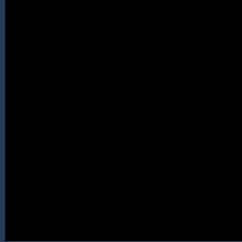
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

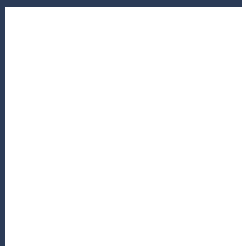
Any Text WCAG AAA × Fail

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

HunterLab 20.8078, 0.3069, -12.8656 Background



This preview shows how black text looks on a background with the HunterLab color 20.8078, 0.3069, -12.8656.



This preview shows how white text looks on a background with the HunterLab color 20.8078, 0.3069, -12.8656.

-12.8656.

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

20.8078, 0.3069, -12.8656

Protanopia

20.8590, 1.6579, -12.1427

Deuteranopia

20.7246, 1.2852, -13.0030



Tritanopia

20.8942, -5.9480, -2.7477

Trichromacy



Original Color

20.8078, 0.3069, -12.8656

Protanomaly

20.7421, 1.2658, -12.3627

Deuteranomaly

20.6691, 1.0984, -13.1096

Tritanomaly

20.9394, -4.0005, -6.0155

Monochromacy



Original Color

20.8078, 0.3069, -12.8656

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.4292, -1.0405, -3.3016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8078, 0.3069, -12.8656 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(43, 59, 87)` looks like.

```
.text, #text, p{  
    color:rgb(43, 59, 87)  
}
```

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(43, 59, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 59, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8078, 0.3069, -12.8656 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(43, 59, 87) }
```


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

```
.border{ border-color:rgb(43, 59, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 59, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 59, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 59, 87);  
box-shadow:4px 4px 4px 4px rgb(43, 59, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8078, 0.3069, -12.8656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 59, 87) }
```

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

```
.background{ background-color: rgb(43, 59,  
87) }
```

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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