

Converting Colors

HunterLab(20.9083, 0.0535,
-12.3676)

Have a look what the booklet for
HunterLab(20.9083, 0.0535,
-12.3676) contains.

HunterLab(20.7687, 0.0955, -12.3344)	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(20.7687, 0.0955,
-12.3344)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3B56
RGB	43, 59, 86
RGB Percent	17%, 23%, 34%
CMY	0.8314, 0.7686, 0.6627
CMYK	0.50, 0.31, 0.00, 0.66
HSL	218°, 33%, 25%
HSV	218°, 50%, 34%
XYZ	4.2399, 4.3134, 9.4132
YIQ	57.2940, -18.2030, 5.0050

Conversions

Conversions Part 2

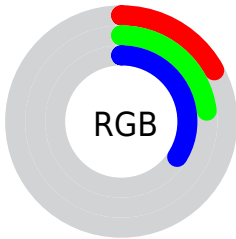
Format	Color
R_{YB}	43, 55, 86
Decimal	2833238
CIE _{Lab}	24.68, 1.98, -18.29
CIE _{LCh}	25, 18.400, 276.165
Yxy	4.3135, 0.2360, 0.2401
Android (android.graphics.Color)	4281023318 (0xFF2B3B56)
YUV	57.2940, 14.1521, -12.5358
Hunter-Lab	20.7687, 0.0955, -12.3344

Details

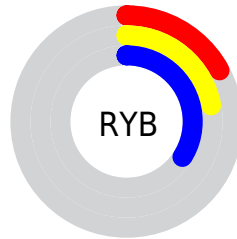
The HunterLab color $[20.7687, 0.0955, -12.3344]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[25.5604, 0.4110, 10.4555]$, and the grayscale version is $[20.2860, -1.0824, 1.1022]$.

A 20% lighter version of the original color is $[37.8283, -0.5514, -13.2075]$, and $[7.2848, 1.5990, -12.5571]$ is the 20% darker color. If you saturate the color by 10%, you get $[19.0268, 0.9777, -15.6936]$, and if you desaturate by 10%, it is $[22.5912, -0.5686, -9.1956]$.

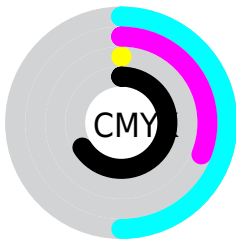
Distribution



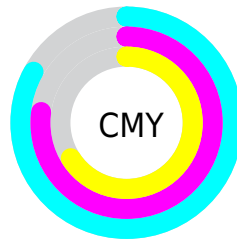
- Red (17%)
- Green (23%)
- Blue (34%)



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



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (66%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7687, 0.0955, -12.3344 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 20.7687, 0.0955, -12.3344 by changing the saturation by 10% instead.

■ 20.7687, 0.0955,
-12.3344

■ 20.7687, 0.0955,
-12.3344

■ 119.5740, -4.2440,
-13.8612

■ 13.6032, 0.3235,
-11.8836

■ 37.8358, -0.5549,
-13.1236

■ 7.1995, 0.8115,
-12.5628

■ 47.5638, -0.9600,
-13.4183

0.0000, NaN, -NF

■ 58.0067, -1.4110,
-13.6441

0.0000, NaN, NaN

■ 69.1186, -1.9041,
-13.8041

0.0000, NaN, NaN

■ 80.8614, -2.4362,
-13.9022

0.0000, NaN, NaN

■ 93.2028, -3.0049,

0.0000, NaN, NaN

0.0000, NaN, NaN

-13.9421

0.0000, NaN, NaN

106.1151, -3.6081,
-13.9274

■ 20.7687, 0.0955,
-12.3344

■ 20.7687, 0.0955,
-12.3344

■ 19.0268, 0.9777,
-15.6936

■ 22.5912, -0.5686,
-9.1956

■ 17.3760, 2.1141,
-19.2972

■ 24.4833, -1.0471,
-6.2524

■ 15.8311, 3.5413,
-23.1560

■ 26.4374, -1.3681,
-3.4780

■ 14.4070, 5.2854,
-27.2623

■ 28.4468, -1.5551,
-0.8484

■ 13.0574, 7.1735,
-31.8057

■ 30.5061, -1.6277,
1.6579

■ 13.0571, 7.1739,
-31.8067

■ 32.6106, -1.6022,
4.0594

■ 34.7565, -1.4918,
6.3720

■ 36.9406, -1.3078,
8.6090

■ 39.1600, -1.0593,
10.7818

Harmonies

Analogous

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



20.7691, -5.4042, -11.0224



20.7687, 0.0955, -12.3344



20.7691, 5.8500, -9.3194

Triad

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



20.7691, 0.0955, -12.3339



20.7691, 8.6255, 6.4430



20.7691, -10.3127, 4.9584

Complementary

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



20.7687, 0.0955, -12.3344



25.5604, 0.4110, 10.4555

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.



20.7691, -7.2580, 7.9723



20.7687, 0.0955, -12.3344



20.7691, 3.5657, 8.6515

Square

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



20.7691, 0.0955, -12.3339



20.7691, 11.1091, 2.2321



20.7691, -2.2872, 9.1229



20.7691, -11.0268, -0.0349

Rectangle

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



20.7687, 0.0955, -12.3344



20.7691, 8.9307, -5.6445



20.7691, -2.2872, 9.1229



20.7691, -9.5432, 6.1893

Sweetspot

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



20.7691, 0.0955, -12.3339



36.1354, -1.9399, -3.0152



27.5778, -13.2156, 4.4756



17.6863, -0.9420, -1.7035



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.



20.7691, 0.0955, -12.3339



24.7000, 1.5691, -21.6892



17.4029, 8.1464, -19.1287



14.7272, -0.8056, -0.2766



16.0348, 9.9311, -41.4806



35.8312, 28.8067, -106.9712

Inverse Universe

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



20.0552, 13.7771, 0.3664



24.0142, 22.9750, 0.9227



29.2894, -7.6461, 13.2872



14.5970, 0.5117, 0.6202



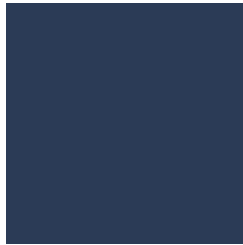
18.1223, 31.8748, 5.2007



42.7634, 74.8538, 15.0728

Previews

White Background



This preview shows how the HunterLab color 20.7687, 0.0955, -12.3344 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 20.7687, 0.0955, -12.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

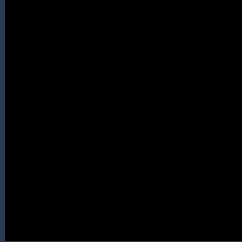
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

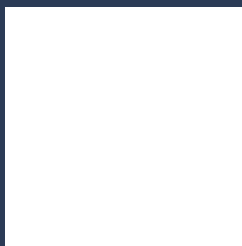
Any Text WCAG AAA × Fail

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

HunterLab 20.7687, 0.0955, -12.3344 Background



This preview shows how black text looks on a background with the HunterLab color 20.7687, 0.0955, -12.3344.



This preview shows how white text looks on a background with the HunterLab color 20.7687, 0.0955, -12.3344.

-12.3344.

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

20.7687, 0.0955, -12.3344

Protanopia

20.8808, 1.6544, -11.5075

Deuteranopia

20.7421, 1.2658, -12.3627



Tritanopia

20.8942, -5.9480, -2.7477

Trichromacy



Original Color

20.7687, 0.0955, -12.3344

Protanomaly

20.7034, 1.0584, -11.8363

Deuteranomaly

20.6854, 1.0747, -12.4700

Tritanomaly

20.9394, -4.0005, -6.0155

Monochromacy



Original Color

20.7687, 0.0955, -12.3344

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 20.7687, 0.0955, -12.3344 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(43, 59, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 59, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7687, 0.0955, -12.3344 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, 86) }
```


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

```
.border{ border-color:rgb(43, 59, 86) }
```

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, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 59, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 59, 86);  
box-shadow:4px 4px 4px 4px rgb(43, 59, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7687, 0.0955, -12.3344 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, 86) }
```

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

```
.background{ background-color: rgb(43, 59,  
86) }
```

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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