

Converting Colors

HunterLab(20.4402, 7.0753,
-38.6861)

Have a look what the booklet for
HunterLab(20.4402, 7.0753,
-38.6861) contains.

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Color

**HunterLab(20.4123, 7.1975,
-38.9092)**

Conversions

Conversions Part 1

Format	Color
Hex	0C3778
RGB	12, 55, 120
RGB Percent	5%, 22%, 47%
CMY	0.9529, 0.7843, 0.5294
CMYK	0.90, 0.54, 0.00, 0.53
HSL	216°, 82%, 26%
HSV	216°, 90%, 47%
XYZ	4.9080, 4.1666, 18.3149
YIQ	49.5530, -46.4930, 11.0990

Conversions

Conversions Part 2

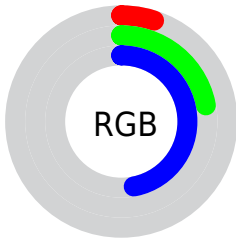
Format	Color
R_{YB}	12, 43, 120
Decimal	800632
CIE _{Lab}	24.22, 12.85, -41.07
CIE _{LCh}	24, 43.030, 287.378
Yxy	4.1667, 0.1792, 0.1521
Android (android.graphics.Color)	4278990712 (0xFF0C3778)
YUV	49.5530, 34.7304, -32.9340
Hunter-Lab	20.4123, 7.1975, -38.9092

Details

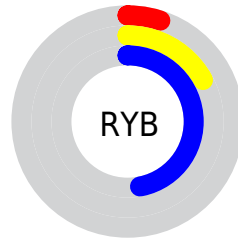
The HunterLab color **20.4123, 7.1975, -38.9092** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.5439, 7.7180, 18.2801**, and the grayscale version is **17.6101, -0.9396, 0.9568**.

A 20% lighter version of the original color is **37.3419, 7.9714, -39.6229**, and **8.6185, 11.4542, -35.4986** is the 20% darker color. If you saturate the color by 10%, you get **18.5792, 10.1265, -45.0801**, and if you desaturate by 10%, it is **22.4054, 4.6240, -33.1351**.

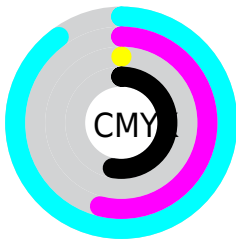
Distribution



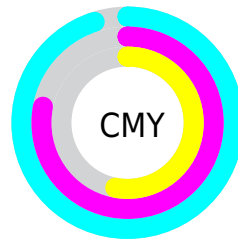
- Red (5%)
- Green (22%)
- Blue (47%)



- Red (5%)
- Yellow (17%)
- Blue (47%)



- Cyan (90%)
- Magenta (54%)
- Yellow (0%)
- Black (53%)



- Cyan (95%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4123, 7.1975, -38.9092 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 20.4123, 7.1975, -38.9092 by changing the saturation by 10% instead.

■ 20.4123, 7.1975,
-38.9092

■ 20.4123, 7.1975,
-38.9092

■ 118.9338, 7.8289,
-43.8352

■ 13.2938, 6.6477,
-39.7744

■ 37.4000, 7.9030,
-39.4425

■ 6.8311, 7.8334,
-46.9102

■ 47.0933, 8.1018,
-40.0570

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.5039, 8.2175,
-40.7293

0.0000, NaN, NaN

■ 68.5855, 8.2600,
-41.4096

0.0000, NaN, NaN

■ 80.2996, 8.2368,
-42.0716

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.6136, 8.1541,

-42.7011

0.0000, NaN, NaN

105.4999, 8.0168,
-43.2903

20.4123, 7.1975,
-38.9092

20.4123, 7.1975,
-38.9092

18.5792, 10.1265,
-45.0801

22.4054, 4.6240,
-33.1351

18.5773, 10.1298,
-45.0872

24.5820, 2.5387,
-27.6668

26.9192, 0.9034,
-22.5343

29.3958, -0.3354,
-17.7324

31.9942, -1.2325,
-13.2363

■ 34.6993, -1.8382,
-9.0128

■ 37.4989, -2.1964,
-5.0274

■ 40.3825, -2.3442,
-1.2468

■ 43.3417, -2.3123,
2.3585

Harmonies

Analogous

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



20.4126, -6.4257, -40.2560



20.4123, 7.1975, -38.9092



20.4126, 21.5655, -23.4620

Triad

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



20.4126, 7.1982, -38.9087



20.4126, 19.4744, 12.2405



20.4126, -20.6536, 5.7780

Complementary

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



20.4123, 7.1975, -38.9092



30.5439, 7.7180, 18.2801

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.



20.4126, -16.8127, 11.7277



20.4123, 7.1975, -38.9092



20.4126, 4.8566, 14.2888

Square

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



20.4126, 7.1982, -38.9087



20.4126, 29.8151, 7.1646



20.4126, -8.2365, 14.1499



20.4126, -20.3332, -7.6590

Rectangle

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



20.4123, 7.1975, -38.9092



20.4126, 28.5882, -10.7578



20.4126, -8.2365, 14.1499



20.4126, -19.8585, 8.4746

Sweetspot

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



20.4126, 7.1982, -38.9087



46.8718, -2.5758, -10.6961



37.4758, -26.5207, 11.5769



22.3375, -1.1755, -5.9157



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.4126, 7.1982, -38.9087



24.1282, 14.5997, -61.6746



13.4137, 28.0367, -69.7862



20.3252, -1.1742, -0.4573



19.3349, 10.7359, -47.3425



40.3314, 27.8805, -110.5969

Inverse Universe

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



21.2890, 34.5755, 3.6572



27.1478, 47.7693, 7.6363



40.8945, -14.3222, 24.4434



20.0973, 0.8742, 0.7793



21.4109, 37.7319, 5.5790



46.5932, 81.7876, 14.6403

Previews

White Background



This preview shows how the HunterLab color 20.4123, 7.1975, -38.9092 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 20.4123, 7.1975, -38.9092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

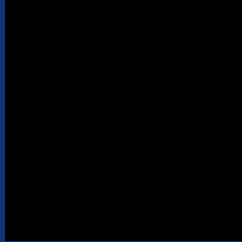
Any Text WCAG AA × Fail

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 20.4123, 7.1975, -38.9092 Background



This preview shows how black text looks on a background with the HunterLab color 20.4123, 7.1975, -38.9092.



This preview shows how white text looks on a background with the HunterLab color 20.4123, 7.1975, -38.9092.

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

20.4123, 7.1975, -38.9092

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.2169, -0.3961, -24.4144



Tritanopia

20.2093, -9.9568, -3.7659

Trichromacy



Original Color

20.4123, 7.1975, -38.9092

Protanomaly

20.4599, 6.0201, -37.8631

Deuteranomaly

20.3864, 2.1792, -29.4773

Tritanomaly

20.1281, -4.7256, -14.2401

Monochromacy



Original Color

20.4123, 7.1975, -38.9092

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.2731, -0.4692, -10.3469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4123, 7.1975, -38.9092 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(12, 55, 120)` looks like.

```
.text, #text, p{  
    color:rgb(12, 55, 120)  
}
```

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(12, 55, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 55, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4123, 7.1975, -38.9092 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(12, 55, 120) }
```


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

```
.border{ border-color:rgb(12, 55, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 55, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 55, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 55, 120);  
box-shadow:4px 4px 4px 4px rgb(12, 55,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.4123, 7.1975, -38.9092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 55, 120) }
```

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

```
.background{ background-color: rgb(12, 55,  
120) }
```

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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