

Converting Colors

HunterLab(46.2127, 76.7846,
27.6095)

Have a look what the booklet for
HunterLab(46.2127, 76.7846,
27.6095) contains.

HunterLab(46.1462, 76.7224, 27.5295)	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(46.1462, 76.7224,
27.5295)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1325
RGB	252, 19, 37
RGB Percent	99%, 7%, 15%
CMY	0.0118, 0.9253, 0.8549
CMYK	0.00, 0.92, 0.85, 0.01
HSL	355°, 97%, 53%
HSV	355°, 92%, 99%
XYZ	40.7116, 21.2947, 3.7148
YIQ	90.7190, 133.0900, 54.9940

Conversions

Conversions Part 2

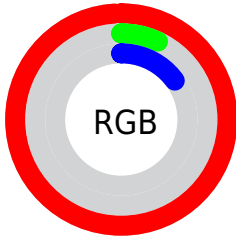
Format	Color
R_{YB}	252, 19, 37
Decimal	16519973
CIE _{Lab}	53.27, 78.32, 54.57
CIE _{LCh}	53, 95.453, 34.866
Yxy	21.2961, 0.6194, 0.3240
Android (android.graphics.Color)	4294710053 (0xFFFC1325)
YUV	90.7190, -26.4835, 141.4434
Hunter-Lab	46.1462, 76.7224, 27.5295

Details

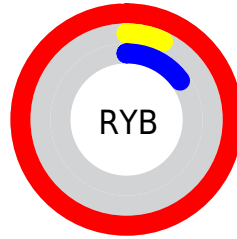
The HunterLab color **46.1462, 76.7224, 27.5295** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **87.0069, -49.8133, -0.3257**, and the grayscale version is **32.3097, -1.7240, 1.7554**.

A 20% lighter version of the original color is **55.7048, 54.5230, 26.1321**, and **32.1159, 54.9994, 20.7525** is the 20% darker color. If you saturate the color by 10%, you get **45.5453, 78.1041, 28.6052**, and if you desaturate by 10%, it is **47.7952, 72.7547, 25.3774**.

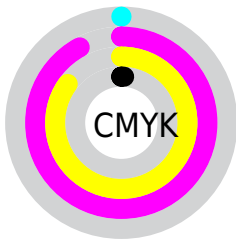
Distribution



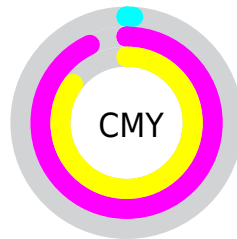
- Red (99%)
- Green (7%)
- Blue (15%)



- Red (99%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (92%)
- Yellow (85%)
- Black (1%)




- Cyan (1%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.1462, 76.7224, 27.5295 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 46.1462, 76.7224, 27.5295 by changing the saturation by 10% instead.


 46.1462, 76.7224,
27.5295


 46.1462, 76.7224,
27.5295


160.8875, 95.8878,
59.1848


 36.5248, 74.2928,
23.1805


 67.5128, 81.5340,
35.5375


 27.6830, 71.9968,
18.9590


 79.1687, 83.8465,
39.2630


 19.6987, 70.1078,
13.7891

 91.4274, 86.0744,
42.8414

 12.6763, 69.3746,
8.8734

 104.2608, 88.2131,
46.2950

 6.0186, 84.2618,
4.2130

 117.6440, 90.2620,
49.6423

0.0000, INF, NaN

0.0000, INF, NaN


 131.5554, 92.2223,

52.8983


0.0000, NaN, NaN


 145.9757, 94.0966,
56.0757


0.0000, NaN, NaN


 46.1462, 76.7224,
27.5295


 46.1462, 76.7224,
27.5295

 45.5453, 78.1041,
28.6052

 47.7952, 72.7547,
25.3774

 50.6348, 66.0814,
22.6528

 54.6557, 57.3489,
19.6612

 59.7522, 47.4102,
16.6827

 65.7791, 36.9859,
13.9038

72.5895, 26.5484,
11.4138

80.0534, 16.3498,
9.2335

88.0631, 6.4941,
7.3469

96.5324, -2.9988,
5.7218

Harmonies

Analogous

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



46.1477, 98.7138, 8.1693



46.1462, 76.7224, 27.5295



46.1477, 33.9542, 31.8153

Triad

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



46.1477, 76.7166, 27.5303



46.1477, -52.6668, 23.7172



46.1477, 4.0786, -140.3788

Complementary

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



46.1462, 76.7224, 27.5295



87.0069, -49.8133, -0.3257

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.



46.1477, -30.2229, -120.2254



46.1462, 76.7224, 27.5295



46.1477, -55.9805, -3.9669

Square

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



46.1477, 76.7166, 27.5303



46.1477, -38.0225, 31.0881



46.1477, -49.3266, -59.8171



46.1477, 48.7817, -102.9259

Rectangle

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



46.1462, 76.7224, 27.5295



46.1477, 4.4487, 32.3034



46.1477, -49.3266, -59.8171



46.1477, -8.9938, -140.2848

Sweetspot

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



46.1477, 76.7166, 27.5303



76.8464, 22.2951, 10.5522



49.7489, 96.9096, -77.4054



34.0744, 12.3969, 5.3404

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1477, 76.7166, 27.5303



46.1620, 79.1606, 29.0012



57.6700, 43.0671, 35.6545



41.5294, 1.6769, 3.1389



32.8842, 56.4161, 20.4663



10.0439, 17.3034, 5.6923

Inverse Universe

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



46.1477, 76.7166, 27.5303



46.1620, 79.1606, 29.0012



55.3064, -1.4131, -64.6731



41.5294, 1.6769, 3.1389



32.8842, 56.4161, 20.4663



10.0439, 17.3034, 5.6923

Previews

White Background



This preview shows how the HunterLab color 46.1462, 76.7224, 27.5295 looks on a white background.

Color Contrast Check

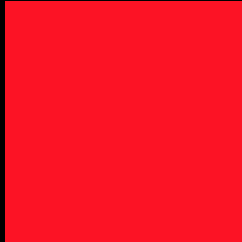
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 46.1462, 76.7224, 27.5295 looks on a black 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 × Fail

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

HunterLab 46.1462, 76.7224, 27.5295 Background



This preview shows how black text looks on a background with the HunterLab color 46.1462, 76.7224, 27.5295.



This preview shows how white text looks on a background with the HunterLab color 46.1462, 76.7224,

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

46.1462, 76.7224, 27.5295

Protanopia

46.3847, -5.4006, 23.0231

Deuteranopia

46.2127, 3.0912, 28.5302



Tritanopia

46.2308, 75.5923, 29.4045

Trichromacy



Original Color

46.1462, 76.7224, 27.5295

Protanomaly

41.4397, 28.2794, 21.3818

Deuteranomaly

42.3932, 34.2288, 26.1892

Tritanomaly

46.1733, 75.9887, 28.9323

Monochromacy



Original Color

46.1462, 76.7224, 27.5295

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.7407, 27.7827, 9.8659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1462, 76.7224, 27.5295 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(252, 19, 37)` looks like.

```
.text, #text, p{  
    color:rgb(252, 19, 37)  
}
```

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(252, 19, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 19, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1462, 76.7224, 27.5295 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(252, 19, 37) }
```


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

```
.border{ border-color:rgb(252, 19, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 19, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 19, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 19, 37);  
box-shadow:4px 4px 4px 4px rgb(252, 19,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1462, 76.7224, 27.5295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 19, 37) }
```

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

```
.background{ background-color: rgb(252, 19,  
37) }
```

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